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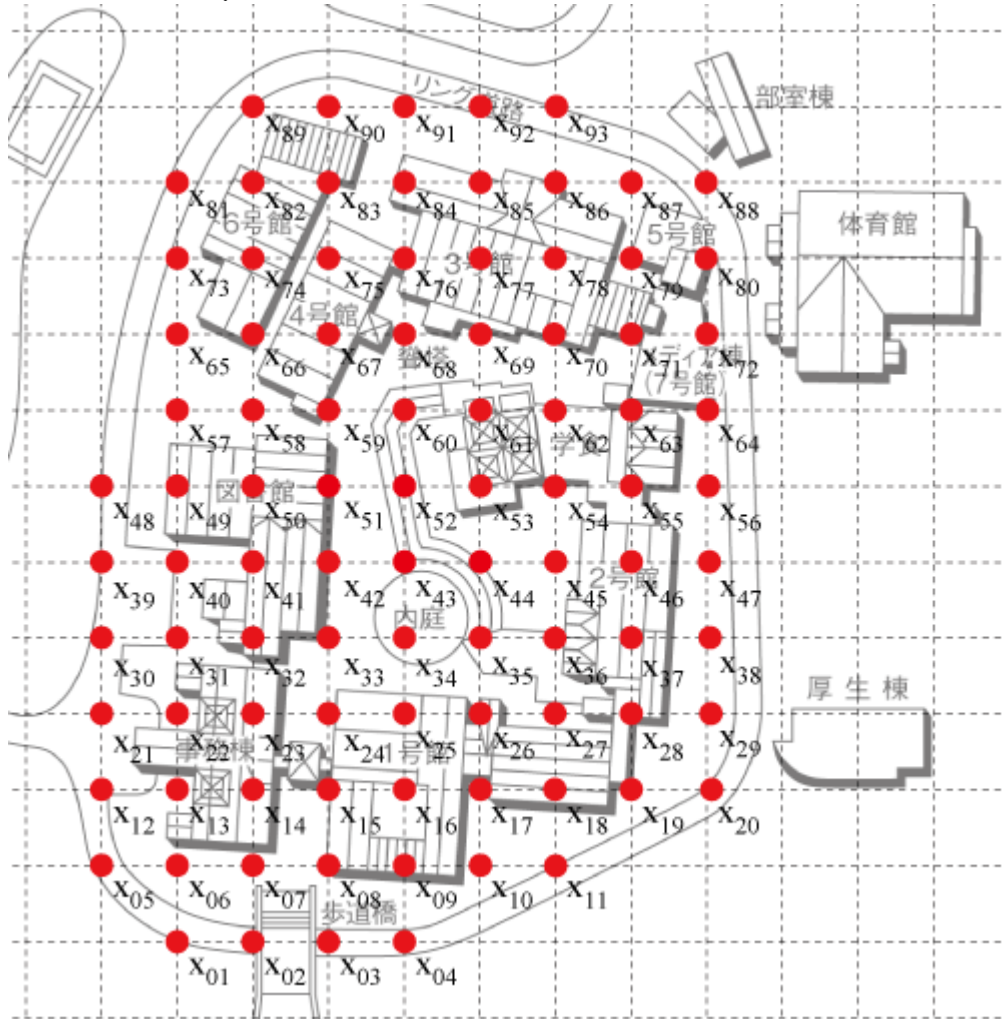
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付録1 湘南キャンパス設備設置候補点 x_i



付録2 2点間の距離行列 l_{ij}

I \ J	x1	x2	x3	x4	x5	x6	x7	x8	x9	x10	x11	x12	x13	x14	x15	x16	x17	x18	x19	x20	x21	x22	x23	x24	x25
x1	0	10	20	30	14.1	10	14.1	22.4	31.6	41.2	51	22.4	20	22.4	28.3	36.1	44.7	53.9	63.2	72.8	31.6	30	31.6	36.1	42.4
x2	10	0	10	20	22.4	14.1	10	14.1	22.4	31.6	41.2	28.3	22.4	20	22.4	28.3	36.1	44.7	53.9	63.2	31.6	31.6	30	31.6	36.1
x3	20	10	0	10	31.6	22.4	14.1	10	14.1	22.4	31.6	22.4	20	22.4	28.3	36.1	44.7	53.9	63.2	72.8	42.4	36.1	31.6	30	31.6
x4	30	20	10	0	41.2	31.6	22.4	14.1	10	14.1	22.4	44.7	36.1	28.3	22.4	20	22.4	28.3	36.1	44.7	50	42.4	36.1	31.6	30
x5	14.1	22.4	31.6	41.2	0	10	20	30	40	50	60	10	14.1	22.4	31.6	41.2	51	60.8	70.7	80.6	20	22.4	28.3	36.1	44.7
x6	10	14.1	22.4	31.6	10	0	10	20	30	40	50	14.1	10	14.1	22.4	31.6	41.2	51	60.8	70.7	22.4	20	22.4	28.3	36.1
x7	14.1	10	14.1	22.4	20	10	0	10	20	30	40	22.4	14.1	10	14.1	22.4	31.6	41.2	51	60.8	28.3	22.4	20	22.4	28.3
x8	22.4	14.1	10	14.1	30	20	10	0	10	20	30	31.6	22.4	14.1	10	14.1	22.4	31.6	41.2	51	36.1	28.3	22.4	20	22.4
x9	31.6	22.4	14.1	10	40	30	20	10	0	10	20	41.2	31.6	22.4	14.1	10	14.1	22.4	31.6	41.2	44.7	36.1	28.3	22.4	20
x10	41.2	31.6	22.4	14.1	50	40	30	20	10	0	10	51	41.2	31.6	22.4	14.1	10	14.1	22.4	31.6	53.9	44.7	36.1	28.3	22.4
x11	51	41.2	31.6	22.4	60	50	40	30	20	10	0	60.8	51	41.2	31.6	22.4	14.1	10	14.1	22.4	63.2	53.9	44.7	36.1	28.3
x12	22.4	28.3	36.1	44.7	10	14.1	22.4	31.6	41.2	51	60.8	0	10	20	30	40	50	60	70	80	10	14.1	22.4	31.6	41.2
x13	20	22.4	28.3	36.1	14.1	10	14.1	22.4	31.6	41.2	51	10	0	10	20	30	40	50	60	70	14.1	10	14.1	22.4	31.6
x14	22.4	20	22.4	28.3	22.4	14.1	10	14.1	22.4	31.6	41.2	20	10	0	10	20	30	40	50	60	22.4	14.1	10	14.1	22.4
x15	28.3	22.4	20	22.4	31.6	22.4	14.1	10	14.1	22.4	31.6	30	20	10	0	10	20	30	40	50	31.6	22.4	14.1	10	14.1
x16	36.1	28.3	22.4	20	41.2	31.6	22.4	14.1	10	14.1	22.4	40	30	20	10	0	10	20	30	40	41.2	31.6	22.4	14.1	10
x17	44.7	36.1	28.3	22.4	51	41.2	31.6	22.4	14.1	10	14.1	50	40	30	20	10	0	10	20	30	51	41.2	31.6	22.4	14.1
x18	53.9	44.7	36.1	28.3	60.8	51	41.2	31.6	22.4	14.1	10	60	50	40	30	20	10	0	10	20	60.8	51	41.2	31.6	22.4
x19	63.2	53.9	44.7	36.1	70.7	60.8	51	41.2	31.6	22.4	14.1	70	60	50	40	30	20	10	0	10	70.7	60.8	51	41.2	31.6
x20	72.8	63.2	53.9	44.7	80.6	70.7	60.8	51	41.2	31.6	22.4	80	70	60	50	40	30	20	10	0	80.6	70.7	60.8	51	41.2
x21	31.6	36.1	42.4	50	20	22.4	28.3	36.1	44.7	53.9	63.2	10	14.1	22.4	31.6	41.2	51	60.8	70.7	80.6	0	10	20	30	40
x22	30	31.6	36.1	42.4	22.4	20	22.4	28.3	36.1	44.7	53.9	14.1	10	14.1	22.4	31.6	41.2	51	60.8	70.7	10	0	10	20	30
x23	31.6	30	31.6	36.1	28.3	22.4	20	22.4	28.3	36.1	44.7	22.4	14.1	10	14.1	22.4	31.6	41.2	51	60.8	20	10	0	10	20
x24	36.1	31.6	30	31.6	36.1	28.3	22.4	20	22.4	28.3	36.1	31.6	22.4	14.1	10	14.1	22.4	31.6	41.2	51	30	20	10	0	10
x25	42.4	36.1	31.6	30	44.7	36.1	28.3	22.4	20	22.4	28.3	41.2	31.6	22.4	14.1	10	14.1	22.4	31.6	41.2	40	30	20	10	0
x26	50	42.4	36.1	31.6	53.9	44.7	36.1	28.3	22.4	20	22.4	51	41.2	31.6	22.4	14.1	10	14.1	22.4	31.6	50	40	30	20	10
x27	58.3	50	42.4	36.1	63.2	53.9	44.7	36.1	28.3	22.4	20	60.8	51	41.2	31.6	22.4	14.1	10	14.1	22.4	60	50	40	30	20
x28	67.1	58.3	50	42.4	72.8	63.2	53.9	44.7	36.1	28.3	22.4	70.7	60.8	51	41.2	31.6	22.4	14.1	10	14.1	70	60	50	40	30
x29	76.2	67.1	58.3	50	82.5	72.8	63.2	53.9	44.7	36.1	28.3	80.6	70.7	60.8	51	41.2	31.6	22.4	14.1	10	80	70	60	50	40
x30	41.2	44.7	50	56.6	30	31.6	36.1	42.4	50	58.3	67.1	20	22.4	28.3	36.1	44.7	53.9	63.2	72.8	82.5	10	14.1	22.4	31.6	41.2
x31	40	41.2	44.7	50	31.6	30	31.6	36.1	42.4	50	58.3	22.4	20	22.4	28.3	36.1	44.7	53.9	63.2	72.8	14.1	10	14.1	22.4	31.6
x32	41.2	40	41.2	44.7	36.1	31.6	30	31.6	36.1	42.4	50	28.3	22.4	20	22.4	28.3	36.1	44.7	53.9	63.2	22.4	14.1	10	14.1	22.4
x33	44.7	41.2	40	41.2	42.4	36.1	31.6	30	31.6	36.1	42.4	36.1	28.3	22.4	20	22.4	28.3	36.1	44.7	53.9	31.6	22.4	14.1	10	14.1
x34	50	44.7	41.2	40	50	42.4	36.1	31.6	30	31.6	36.1	44.7	36.1	28.3	22.4	20	22.4	28.3	36.1	44.7	41.2	31.6	22.4	14.1	10
x35	56.6	50	44.7	41.2	58.3	50	42.4	36.1	31.6	30	31.6	53.9	44.7	36.1	28.3	22.4	20	22.4	28.3	36.1	51	41.2	31.6	22.4	14.1
x36	64	56.6	50	44.7	67.1	58.3	50	42.4	36.1	31.6	30	63.2	53.9	44.7	36.1	28.3	22.4	20	22.4	28.3	60.8	51	41.2	31.6	22.4
x37	72.1	64.0	56.6	50.0	76.2	67.1	58.3	50.0	42.4	36.1	31.6	72.8	63.2	53.9	44.7	36.1	28.3	22.4	20.0	22.4	70.7	60.8	51.0	41.2	31.6
x38	80.6	72.1	64.0	56.6	85.4	76.2	67.1	58.3	50.0	42.4	36.1	82.5	72.8	63.2	53.9	44.7	36.1	28.3	22.4	20.0	80.6	70.7	60.8	51.0	41.2
x39	51.0	53.9	58.3	64.0	40.0	41.2	44.7	50.0	56.6	64.0	72.1	30.0	31.6	36.1	42.4	50.0	58.3	67.1	76.2	85.4	20.0	22.4	28.3	36.1	44.7
x40	50.0	51.0	53.9	58.3	41.2	40.0	41.2	44.7	50.0	56.6	64.0	31.6	30.0	31.6	36.1	42.4	50.0	58.3	67.1	76.2	22.4	20.0	22.4	28.3	36.1
x41	51.0	50.0	51.0	53.9	44.7	41.2	40.0	41.2	44.7	50.0	56.6	36.1	31.6	30.0	31.6	36.1	42.4	50.0	58.3	67.1	28.3	22.4	20.0	22.4	28.3
x42	53.9	51.0	50.0	51.0	50.0	44.7	41.2	40.0	41.2	44.7	50.0	42.4	36.1	31.6	30.0	31.6	36.1	42.4	50.0	58.3	36.1	28.3	22.4	20.0	22.4
x43	58.3	53.9	51.0	50.0	56.6	50.0	44.7	41.2	40.0	41.2	44.7	50.0	42.4	36.1	31.6	30.0	31.6	36.1	42.4	50.0	44.7	36.1	28.3	22.4	20.0
x44	64.0	58.3	53.9	51.0	64.0	56.6	50.0	44.7	41.2	40.0	41.2	58.3	50.0	42.4	36.1	31.6	30.0	31.6	36.1	42.4	53.9	44.7	36.1	28.3	22.4
x45	70.7	64.0	58.3	53.9	72.1	64.0	56.6	50.0	44.7	41.2	40.0	67.1	58.3	50.0	42.4	36.1	31.6	30.0	31.6	63.2	53.9	44.7	36.1	28.3	22.4
x46	78.1	70.7	64.0	58.3	80.6	72.1	64.0	56.6	50.0	44.7	41.2	76.2	67.1	58.3	50.0	42.4	36.1	31.6	30.0	31.6	72.8	63.2	53.9	44.7	36.1
x47	86.0	78.1	70.7	64.0	89.4	80.6	72.1	64.0	56.6	50.0	44.7	85.4	76.2	67.1	58.3	50.0	42.4	36.1	31.6	30.0	82.5	72.8	63.2	53.9	44.7
x48	60.8	63.2	67.1	72.1	50.0	51.0	53.9	58.3	64.0	70.7	78.1	40.0	41.2	44.7	50.0	56.6	64.0	72.1	80.6	89.4	30.0	31.6	36.1	42.4	50.0
x49	60.0	60.8	63.2	67.1	51.0	50.0	51.0	53.9	58.3	64.0	70.7	41.2	40.0	41.2	44.7	50.0	56.6	64.0	72.1	80.6	31.6	30.0	31.6	36.1	42.4
x50	60.8	60.0	60.8	63.2	53.9	51.0	50.0	51.0	53.9	58.3	64.0	44.7	41.2	40.0	41.2	44.7	50.0	56.6	64.0	72.1	36.1	31.6	30.0	31.6	36.1
x51	63.2	60.8	60.0	60.8	58.3	53.9	51.0	50.0	51.0	53.9	58.3	50.0	44.7	41.2	40.0	41.2	44.7	50.0	56.6	64.0	42.4	36.1	31.6	30.0	31.6
x52	67.1	63.2	60.8	60.0	64.0	58.3	53.9	51.0	50.0	51.0	53.9	56.6	50.0	44.7	41.2	40.0	41.2	44.7	50.0	56.6	50.0	42.4	36.1	31.6	30.0
x53	72.1	67.1	63.2	60.8	70.7	64.0	58.3	53.9	51.0	50.0	51.0	64.0	56.6	50.0	44.7	41.2	40.0	41.2	44.7	50.0	58.3	50.0	42.4	36.1	31.6
x54	78.1	72.1	67.1	63.2	78.1	70.7	64.0	58.3	53.9	51.0	50.0	72.1	64.0	56.6	50.0	44.7	41.2	40.0	41.2	44.7	67.1	5			

I \ J	x26	x27	x28	x29	x30	x31	x32	x33	x34	x35	x36	x37	x38	x39	x40	x41	x42	x43	x44	x45	x46	x47	x48	x49	x50	
x1	50	58.3	67.1	76.2	41.2	40	41.2	44.7	50	56.6	64	72.1	80.6	51	50	51	53.9	58.3	64	70.7	78.1	86	60.8	60	60.8	
x2	42.4	50	58.3	67.1	44.7	41.2	40	41.2	44.7	50	56.6	64	72.1	53.9	51	50	51	53.9	58.3	64	70.7	78.1	63.2	60.8	60	
x3	36.1	42.4	50	58.3	50	44.7	41.2	40	41.2	44.7	50	56.6	64	58.3	53.9	51	50	51	53.9	58.3	64	70.7	67.1	63.2	60.8	
x4	31.6	36.1	42.4	50	56.6	50	44.7	41.2	40	41.2	44.7	50	56.6	64	58.3	53.9	51	50	51	53.9	58.3	64	72.1	67.1	63.2	
x5	53.9	63.2	72.8	82.5	30	31.6	36.1	42.4	50	58.3	67.1	76.2	85.4	40	41.2	44.7	50	56.6	64	72.1	80.6	89.4	50	51	53.9	
x6	44.7	53.9	63.2	72.8	31.6	30	31.6	36.1	42.4	50	58.3	67.1	76.2	41.2	40	41.2	44.7	50	56.6	64	72.1	80.6	51	50	51	
x7	36.1	44.7	53.9	63.2	36.1	31.6	30	31.6	36.1	42.4	50	58.3	67.1	44.7	41.2	40	41.2	44.7	50	56.6	64	72.1	53.9	51	50	
x8	28.3	36.1	44.7	53.9	42.4	36.1	31.6	30	31.6	36.1	42.4	50	58.3	50	44.7	41.2	40	41.2	44.7	50	56.6	64	58.3	53.9	51	
x9	22.4	28.3	36.1	44.7	50	42.4	36.1	31.6	30	31.6	36.1	42.4	50	56.6	50	44.7	41.2	40	41.2	44.7	50	56.6	64	58.3	53.9	
x10	20	22.4	28.3	36.1	58.3	50	42.4	36.1	31.6	30	31.6	36.1	42.4	64	56.6	50	44.7	41.2	40	41.2	44.7	50	70.7	64	58.3	
x11	22.4	20	22.4	28.3	67.1	58.3	50	42.4	36.1	31.6	30	31.6	36.1	72.1	64	56.6	50	44.7	41.2	40	41.2	44.7	78.1	70.7	64	
x12	51	60.8	70.7	80.6	20	22.4	28.3	36.1	44.7	53.9	63.2	72.8	82.5	30	31.6	36.1	42.4	50	58.3	67.1	76.2	85.4	40	41.2	44.7	
x13	41.2	51	60.8	70.7	22.4	20	22.4	28.3	36.1	44.7	53.9	63.2	72.8	31.6	30	31.6	36.1	42.4	50	58.3	67.1	76.2	41.2	40	41.2	
x14	31.6	41.2	51	60.8	28.3	22.4	20	22.4	28.3	36.1	44.7	53.9	63.2	36.1	31.6	30	31.6	36.1	42.4	50	58.3	67.1	44.7	41.2	40	
x15	22.4	31.6	41.2	51	36.1	28.3	22.4	20	22.4	28.3	36.1	44.7	53.9	42.4	36.1	31.6	30	31.6	36.1	42.4	50	58.3	50	44.7	41.2	
x16	14.1	22.4	31.6	41.2	44.7	36.1	28.3	22.4	20	22.4	28.3	36.1	44.7	50	42.4	36.1	31.6	30	31.6	36.1	42.4	50	56.6	50	44.7	
x17	10	14.1	22.4	31.6	53.9	44.7	36.1	28.3	22.4	20	22.4	28.3	36.1	58.3	50	42.4	36.1	31.6	30	31.6	36.1	42.4	64	56.6	50	
x18	14.1	10	14.1	22.4	63.2	53.9	44.7	36.1	28.3	22.4	20	22.4	28.3	67.1	58.3	50	42.4	36.1	31.6	30	31.6	36.1	72.1	64	56.6	
x19	22.4	14.1	10	14.1	72.8	63.2	53.9	44.7	36.1	28.3	22.4	20	22.4	76.2	67.1	58.3	50	42.4	36.1	31.6	30	31.6	80.6	72.1	64	
x20	31.6	22.4	14.1	10	82.5	72.8	63.2	53.9	44.7	36.1	28.3	22.4	20	85.4	76.2	67.1	58.3	50	42.4	36.1	31.6	30	89.4	80.6	72.1	
x21	50	60	70	80	10	14.1	22.4	31.6	41.2	51	60.8	70.7	80.6	20	22.4	28.3	36.1	44.7	53.9	63.2	72.8	82.5	30	31.6	36.1	
x22	40	50	60	70	14.1	10	14.1	22.4	31.6	41.2	51	60.8	70.7	22.4	20	22.4	28.3	36.1	44.7	53.9	63.2	72.8	31.6	30	31.6	
x23	30	40	50	60	70	22.4	14.1	10	14.1	22.4	31.6	41.2	51	60.8	28.3	22.4	20	22.4	28.3	36.1	44.7	53.9	63.2	31.6	30	
x24	20	30	40	50	31.6	22.4	14.1	10	14.1	22.4	31.6	41.2	51	36.1	28.3	22.4	20	22.4	28.3	36.1	44.7	53.9	42.4	36.1	31.6	
x25	10	20	30	40	41.2	31.6	22.4	14.1	10	14.1	22.4	31.6	41.2	44.7	36.1	28.3	22.4	20	22.4	28.3	36.1	44.7	50	42.4	36.1	
x26	0	10	20	30	51	41.2	31.6	22.4	14.1	10	14.1	22.4	31.6	53.9	44.7	36.1	28.3	22.4	20	22.4	28.3	36.1	58.3	50	42.4	
x27	10	0	10	20	60.8	51	41.2	31.6	22.4	14.1	10	14.1	22.4	63.2	53.9	44.7	36.1	28.3	22.4	20	22.4	28.3	67.1	58.3	50	
x28	20	10	0	10	70.7	60.8	51	41.2	31.6	22.4	14.1	10	14.1	72.8	63.2	53.9	44.7	36.1	28.3	22.4	20	22.4	76.2	67.1	58.3	
x29	30	20	10	0	80.6	70.7	60.8	51	41.2	31.6	22.4	14.1	10	82.5	72.8	63.2	53.9	44.7	36.1	28.3	22.4	20	85.4	76.2	67.1	
x30	51	60.8	70.7	80.6	0	10	20	30	40	50	60	70	80	10	14.1	22.4	31.6	41.2	51	60.8	70.7	80.6	20	22.4	28.3	
x31	41.2	51	60.8	70.7	10	0	10	20	30	40	50	60	70	14.1	10	14.1	22.4	31.6	41.2	51	60.8	70.7	22.4	20	22.4	
x32	31.6	41.2	51	60.8	20	10	0	10	20	30	40	50	60	70	22.4	14.1	10	14.1	22.4	31.6	41.2	51	60.8	28.3	22.4	20
x33	22.4	31.6	41.2	51	30	20	10	0	10	20	30	40	50	31.6	22.4	14.1	10	14.1	22.4	31.6	41.2	51	36.1	28.3	22.4	
x34	14.1	22.4	31.6	41.2	40	30	20	10	0	10	20	30	40	41.2	31.6	22.4	14.1	10	14.1	22.4	31.6	41.2	44.7	36.1	28.3	
x35	10	14.1	22.4	31.6	50	40	30	20	10	0	10	20	30	51	41.2	31.6	22.4	14.1	10	14.1	22.4	31.6	53.9	44.7	36.1	
x36	14.1	10	14.1	22.4	60	50	40	30	20	10	0	10	20	60.8	51	41.2	31.6	22.4	14.1	10	14.1	22.4	63.2	53.9	44.7	
x37	22.4	14.1	10.0	14.1	70.0	60.0	50.0	40.0	30.0	20.0	10.0	0.0	10.0	70.7	60.8	51.0	41.2	31.6	22.4	14.1	10.0	14.1	72.8	63.2	53.9	
x38	31.6	22.4	14.1	10.0	80.0	70.0	60.0	50.0	40.0	30.0	20.0	10.0	0.0	80.6	70.7	60.8	51.0	41.2	31.6	22.4	14.1	10.0	82.5	72.8	63.2	
x39	53.9	63.2	72.8	82.5	10.0	14.1	22.4	31.6	41.2	51.0	60.8	70.7	80.6	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	10.0	14.1	22.4	
x40	44.7	53.9	63.2	72.8	14.1	10.0	14.1	22.4	31.6	41.2	51.0	60.8	70.7	10.0	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	14.1	10.0	14.1	
x41	36.1	44.7	53.9	63.2	22.4	14.1	10.0	14.1	22.4	31.6	41.2	51.0	60.8	20.0	10.0	0.0	10.0	20.0	30.0	40.0	50.0	60.0	22.4	14.1	10.0	
x42	28.3	36.1	44.7	53.9	31.6	22.4	14.1	10.0	14.1	22.4	31.6	41.2	51.0	30.0	20.0	10.0	0.0	10.0	20.0	30.0	40.0	50.0	31.6	22.4	14.1	
x43	22.4	28.3	36.1	44.7	41.2	31.6	22.4	14.1	10.0	14.1	22.4	31.6	41.2	40.0	30.0	20.0	10.0	0.0	10.0	20.0	30.0	40.0	41.2	31.6	22.4	
x44	20.0	22.4	28.3	36.1	51.0	41.2	31.6	22.4	14.1	10.0	14.1	22.4	31.6	50.0	40.0	30.0	20.0	10.0	0.0	10.0	20.0	30.0	51.0	41.2	31.6	
x45	22.4	20.0	22.4	28.3	60.8	51.0	41.2	31.6	22.4	14.1	10.0	14.1	22.4	60.0	50.0	40.0	30.0	20.0	10.0	0.0	10.0	20.0	60.8	51.0	41.2	
x46	28.3	22.4	20.0	22.4	70.7	60.8	51.0	41.2	31.6	22.4	14.1	10.0	14.1	70.0	60.0	50.0	40.0	30.0	20.0	10.0	0.0	10.0	70.7	60.8	51.0	
x47	36.1	28.3	22.4	20.0	80.6	70.7	60.8	51.0	41.2	31.6	22.4	14.1	10.0	80.0	70.0	60.0	50.0	40.0	30.0	20.0	10.0	0.0	80.6	70.7	60.8	
x48	58.3	67.1	76.2	85.4	20.0	22.4	28.3	36.1	44.7	53.9	63.2	72.8	82.5	10.0	14.1	22.4	31.6	41.2	51.0	60.8	70.7	80.6	0.0	10.0	20.0	
x49	50.0	58.3	67.1	76.2	22.4	20.0	22.4	28.3	36.1	44.7	53.9	63.2	72.8	14.1	10.0	14.1	22.4	31.6	41.2	51.0	60.8	70.7	10.0	0.0	10.0	
x50	42.4	50.0	58.3	67.1	28.3	22.4	20.0	22.4	28.3	36.1	44.7	53.9	63.2	22.4	14.1	10.0	14.1	22.4	31.6	41.2	51.0	60.8	20.0	10.0	0.0	
x51	36.1	42.4	50.0	58.3	36.1	28.3	22.4	20.0	22.4	28.3	36.1	44.7	53.9	31.6	22.4	14.1	10.0	14.1	22.4	31.6	41.2	51.0	30.0	20.0	10.0	
x52	31.6	36.1	42.4	50.0	44.7	36.1	28.3	22.4	20.0	22.4	28.3	36.1	44.7	41.2	31.6	22.4	14.1	10.0	14.1	22.4	31.6	41.2	40.0	30.0	20.0	
x53	30.0	31.6	36.1	42.4	53.9	44.7	36.1	28.3	22.4	20.0	22.4	28.3	36.1	51.0	41.2	31.6	22.4	14.1	10.0	14.1	22.4	31.6	50.0	40.0	30.0	
x54	31.6	30.0	31.6	36.1	63.2	53.9	44.7	36.1	28.3	22.4	20.0	22.4	28.3	60.8	51.0	41.2	31.6									

I \ J	x51	x52	x53	x54	x55	x56	x57	x58	x59	x60	x61	x62	x63	x64	x65	x66	x67	x68	x69	x70	x71	x72	x73	x74	x75	
x1	63.2	67.1	72.1	78.1	84.9	92.2	70	70.7	72.8	76.2	80.6	86	92.2	99	80	80.6	82.5	85.4	89.4	94.3	100	106.3	90	90.6	92.2	
x2	60.8	63.2	67.1	72.1	78.1	84.9	70.7	70.7	70.7	72.8	76.2	80.6	86	92.2	80.6	80	80.6	82.5	85.4	89.4	94.3	100	90.6	90	90.6	
x3	60	60.8	63.2	67.1	72.1	78.1	72.8	70.7	70	70.7	72.8	76.2	80.6	86	82.5	80.6	80	80.6	82.5	85.4	89.4	94.3	92.2	90.6	90	
x4	60	60.8	63.2	67.1	72.1	78.1	76.2	72.8	70.7	70.7	72.8	76.2	80.6	85.4	82.5	80.6	80	80.6	82.5	85.4	89.4	94.3	92.2	90.6	90.6	
x5	58.3	64	70.7	78.1	86	94.3	60.8	63.2	67.1	72.1	78.1	84.9	92.2	100	70.7	72.8	76.2	80.6	86	92.2	99	106.3	80.6	82.5	85.4	
x6	53.9	58.3	64	70.7	78.1	86	60	60.8	63.2	67.1	72.1	78.1	84.9	92.2	70	70.7	72.8	76.2	80.6	86	92.2	99	80	80.6	82.5	
x7	51	53.9	58.3	64	70.7	78.1	60.8	60	60.8	63.2	67.1	72.1	78.1	84.9	70.7	70.7	72.8	76.2	80.6	86	92.2	80.6	80.6	80.6	80.6	
x8	50	51	53.9	58.3	64	70.7	63.2	60.8	60	60.8	63.2	67.1	72.1	78.1	72.8	70.7	70	70.7	72.8	76.2	80.6	86	82.5	80.6	80	
x9	51	50	51	53.9	58.3	64	67.1	63.2	60.8	60	60.8	63.2	67.1	72.1	76.2	72.8	70.7	70	70.7	72.8	76.2	80.6	85.4	82.5	80.6	
x10	53.9	51	50	51	53.9	58.3	72.1	67.1	63.2	60.8	60	60.8	63.2	67.1	80.6	76.2	72.8	70.7	70	70.7	72.8	76.2	84.9	85.4	82.5	
x11	58.3	53.9	51	50	51	53.9	78.1	72.1	67.1	63.2	60.8	60	60.8	63.2	86	80.6	76.2	72.8	70.7	70	70.7	72.8	89.4	89.4	85.4	
x12	50	56.6	64	72.1	80.6	89.4	51	53.9	58.3	64	70.7	78.1	86	94.3	60.8	63.2	67.1	72.1	78.1	84.9	92.2	100	70.7	72.8	76.2	
x13	44.7	50	56.6	64	72.1	80.6	50	51	53.9	58.3	64	70.7	78.1	86	60	60.8	63.2	67.1	72.1	78.1	84.9	92.2	70	70.7	72.8	
x14	41.2	44.7	50	56.6	64	72.1	51	50	51	53.9	58.3	64	70.7	78.1	60.8	60	60.8	63.2	67.1	72.1	78.1	84.9	70.7	70	70.7	
x15	40	41.2	44.7	50	56.6	64	53.9	51	50	51	53.9	58.3	64	70.7	63.2	60.8	60	60.8	63.2	67.1	72.1	78.1	72.8	70.7	70	
x16	41.2	40	41.2	44.7	50	56.6	58.3	53.9	51	50	51	53.9	58.3	64	67.1	63.2	60.8	60	60.8	63.2	67.1	72.1	76.2	72.8	70.7	
x17	44.7	41.2	40	41.2	44.7	50	64	58.3	53.9	51	50	51	53.9	58.3	72.1	67.1	63.2	60.8	60	60.8	63.2	67.1	80.6	76.2	72.8	
x18	50	44.7	41.2	40	41.2	44.7	70.7	64	58.3	53.9	51	50	51	53.9	78.1	72.1	67.1	63.2	60.8	60	60.8	63.2	86	80.6	76.2	
x19	56.6	50	44.7	41.2	40	41.2	78.1	70.7	64	58.3	53.9	51	50	51	84.9	78.1	72.1	67.1	63.2	60.8	60	60.8	92.2	86	80.6	
x20	64	56.6	50	44.7	41.2	40	86	78.1	70.7	64	58.3	53.9	51	50	92.2	84.9	78.1	72.1	67.1	63.2	60.8	60	99	92.2	86	
x21	42.4	50	58.3	67.1	76.2	85.4	41.2	44.7	50	56.6	64	72.1	80.6	89.4	51	53.9	58.3	64	70.7	78.1	86	94.3	60.8	63.2	67.1	
x22	36.1	42.4	50	58.3	67.1	76.2	40	41.2	44.7	50	56.6	64	72.1	80.6	50	51	53.9	58.3	64	70.7	78.1	86	60	60.8	63.2	
x23	31.6	36.1	42.4	50	58.3	67.1	41.2	40	41.2	44.7	50	56.6	64	72.1	51	50	51	53.9	58.3	64	70.7	78.1	60.8	60	60.8	
x24	30	31.6	36.1	42.4	50	58.3	44.7	41.2	40	41.2	44.7	50	56.6	64	53.9	51	50	51	53.9	58.3	64	70.7	63.2	60.8	60	
x25	31.6	30	31.6	36.1	42.4	50	50	44.7	41.2	40	41.2	44.7	50	56.6	58.3	53.9	51	50	51	53.9	58.3	64	67.1	63.2	60.8	
x26	36.1	31.6	30	31.6	36.1	42.4	56.6	50	44.7	41.2	40	41.2	44.7	50	64	58.3	53.9	51	50	51	53.9	58.3	72.1	67.1	63.2	
x27	42.4	36.1	31.6	30	31.6	36.1	64	56.6	50	44.7	41.2	40	41.2	44.7	70.7	64	58.3	53.9	51	50	51	53.9	78.1	72.1	67.1	
x28	50	42.4	36.1	31.6	30	31.6	72.1	64	56.6	50	44.7	41.2	40	41.2	78.1	70.7	64	58.3	53.9	51	50	51	84.9	78.1	72.1	
x29	58.3	50	42.4	36.1	31.6	30	80.6	72.1	64	56.6	50	44.7	41.2	40	86	78.1	70.7	64	58.3	53.9	51	50	92.2	84.9	78.1	
x30	36.1	44.7	53.9	63.2	72.8	82.5	31.6	36.1	42.4	50	58.3	67.1	76.2	85.4	41.2	44.7	50	56.6	64	72.1	80.6	89.4	51	53.9	58.3	
x31	28.3	36.1	44.7	53.9	63.2	72.8	30	31.6	36.1	42.4	50	58.3	67.1	76.2	40	41.2	44.7	50	56.6	64	72.1	80.6	50	51	53.9	
x32	22.4	28.3	36.1	44.7	53.9	63.2	31.6	30	31.6	36.1	42.4	50	58.3	67.1	41.2	40	41.2	44.7	50	56.6	64	72.1	51	50	51	
x33	20	22.4	28.3	36.1	44.7	53.9	36.1	31.6	30	31.6	36.1	42.4	50	58.3	44.7	41.2	40	41.2	44.7	50	56.6	64	53.9	51	50	
x34	22.4	20	22.4	28.3	36.1	44.7	42.4	36.1	31.6	30	31.6	36.1	42.4	50	50	44.7	41.2	40	41.2	44.7	50	56.6	58.3	53.9	51	
x35	28.3	22.4	20	22.4	28.3	36.1	50	42.4	36.1	30	31.6	36.1	42.4	50	44.7	41.2	40	41.2	44.7	50	56.6	58.3	53.9	51	50	
x36	36.1	28.3	22.4	20	22.4	28.3	58.3	50	42.4	36.1	31.6	30	31.6	36.1	64	56.6	50	44.7	41.2	40	41.2	44.7	70.7	64	58.3	
x37	44.7	36.1	28.3	22.4	20	22.4	67.1	58.3	50	42.4	36.1	31.6	30	31.6	72.1	64	56.6	50	44.7	41.2	40	41.2	78.1	70.7	64	
x38	53.9	44.7	36.1	28.3	22.4	20	76.2	67.1	58.3	50	42.4	36.1	31.6	30	80.6	72.1	64	56.6	50	44.7	41.2	40	86.0	78.1	70.7	
x39	31.6	41.2	51.0	60.8	70.7	80.6	22.4	28.3	36.1	44.7	53.9	63.2	72.8	82.5	31.6	36.1	42.4	50.0	58.3	67.1	76.2	85.4	41.2	44.7	50.0	
x40	22.4	31.6	41.2	51.0	60.8	70.7	20	22.4	28.3	36.1	44.7	53.9	63.2	72.8	30	31.6	36.1	42.4	50.0	58.3	67.1	76.2	40.0	41.2	44.7	
x41	14.1	22.4	31.6	41.2	51.0	60.8	22.4	20	22.4	28.3	36.1	44.7	53.9	63.2	31.6	30	31.6	36.1	42.4	50.0	58.3	67.1	41.2	40	41.2	
x42	10.0	14.1	22.4	31.6	41.2	51.0	28.3	22.4	20	22.4	28.3	36.1	44.7	53.9	36.1	31.6	30	31.6	36.1	42.4	50.0	58.3	44.7	41.2	40	
x43	14.1	10.0	14.1	22.4	31.6	41.2	36.1	28.3	22.4	20	22.4	28.3	36.1	44.7	42.4	36.1	31.6	30	31.6	36.1	42.4	50.0	50.0	44.7	41.2	
x44	22.4	14.1	10.0	14.1	22.4	31.6	44.7	36.1	28.3	22.4	20	22.4	28.3	36.1	50.0	42.4	36.1	31.6	30	31.6	36.1	42.4	50.0	56.6	50.0	44.7
x45	31.6	22.4	14.1	10.0	14.1	22.4	53.9	44.7	36.1	28.3	22.4	20	22.4	28.3	58.3	50.0	42.4	36.1	31.6	30	31.6	36.1	64.0	56.6	50.0	
x46	41.2	31.6	22.4	14.1	10.0	14.1	63.2	53.9	44.7	36.1	28.3	22.4	20	22.4	67.1	58.3	50.0	42.4	36.1	31.6	30	31.6	72.1	64.0	56.6	
x47	51.0	41.2	31.6	22.4	14.1	10.0	72.8	63.2	53.9	44.7	36.1	28.3	22.4	20	76.2	67.1	58.3	50.0	42.4	36.1	31.6	30	80.6	72.1	64.0	
x48	30.0	40.0	50.0	60.0	70.0	80.0	14.1	22.4	31.6	41.2	51.0	60.8	70.7	80.6	22.4	28.3	36.1	44.7	53.9	63.2	72.8	82.5	31.6	36.1	42.4	
x49	20.0	30.0	40.0	50.0	60.0	70.0	10.0	14.1	22.4	31.6	41.2	51.0	60.8	70.7	20	22.4	28.3	36.1	44.7	53.9	63.2	72.8	30	31.6	36.1	
x50	10.0	20.0	30.0	40.0	50.0	60.0	14.1	10.0	14.1	22.4	31.6	41.2	51.0	60.8	22.4	20	22.4	28.3	36.1	44.7	53.9	63.2	31.6	30	31.6	
x51	0.0	10.0	20.0	30.0	40.0	50.0	22.4	14.1	10.0	14.1	22.4	31.6	41.2	51.0	28.3	22.4	20	22.4	28.3	36.1	44.7	53.9	36.1	31.6	30.0	
x52	10.0	0.0	10.0	20.0	30.0	40.0	31.6	22.4	14.1	10.0	14.1	22.4	31.6	41.2	36.1	28.3	22.4	20	22.4	28.3	36.1	44.7	42.4	36.1	31.6	
x53	20.0	10.0	0.0	10.0	20.0	30.0	41.2	31.6	22.4	14.1	10.0	14.1	22.4	31.6	44.7	36.1	28.3	22.4	20	22.4	28.3	36.1	50.0	42.4	36.1	
x54	30.0	20.0	10.0	0.0	10.0	20.0	51.0	41.2	31.6	22.4	14.1	10.0	14.1	22.4	53.9											

I \ J	x76	x77	x78	x79	x80	x81	x82	x83	x84	x85	x86	x87	x88	x89	x90	x91	x92	x93
x1	94.9	98.5	103	108.2	122.1	100	100.5	102	104.4	107.7	111.8	116.6	122.1	110.5	111.8	114	117	120.8
x2	92.2	94.9	98.5	103	116.6	100.5	100	100.5	102	104.4	107.7	111.8	116.6	110	110.5	111.8	114	117
x3	90.6	92.2	94.9	98.5	111.8	102	100.5	100	100.5	102	104.4	107.7	111.8	110.5	110	110.5	111.8	114
x4	90	90.6	92.2	94.9	107.7	104.4	102	100.5	100	100.5	102	104.4	107.7	111.8	110.5	110	110.5	111.8
x5	89.4	94.3	100	106.3	120.4	90.6	92.2	94.9	98.5	103	108.2	114	120.4	102	104.4	107.7	111.8	116.6
x6	85.4	89.4	94.3	100	114	90	90.6	92.2	94.9	98.5	103	108.2	114	100.5	102	104.4	107.7	111.8
x7	82.5	85.4	89.4	94.3	108.2	90.6	90	90.6	92.2	94.9	98.5	103	108.2	100	100.5	102	104.4	107.7
x8	80.6	82.5	85.4	89.4	103	92.2	90.6	90	90.6	92.2	94.9	98.5	103	100.5	100	100.5	102	104.4
x9	80	80.6	82.5	85.4	98.5	94.9	92.2	90.6	90	90.6	92.2	94.9	98.5	102	100.5	100	100.5	102
x10	80.6	80	80.6	82.5	94.9	98.5	94.9	92.2	90.6	90	90.6	92.2	94.9	104.4	102	100.5	100	100.5
x11	82.5	80.6	80	80.6	92.2	103	98.5	94.9	92.2	90.6	90	90.6	92.2	107.7	104.4	102	100.5	100
x12	80.6	86	92.2	99	113.1	80.6	82.5	85.4	89.4	94.3	100	106.3	113.1	92.2	94.9	98.5	103	108.2
x13	76.2	80.6	86	92.2	106.3	80	80.6	82.5	85.4	89.4	94.3	100	106.3	90.6	92.2	94.9	98.5	103
x14	72.8	76.2	80.6	86	100	80.6	80	80.6	82.5	85.4	89.4	94.3	100	90	90.6	92.2	94.9	98.5
x15	70.7	72.8	76.2	80.6	94.3	82.5	80.6	80	80.6	82.5	85.4	89.4	94.3	90.6	90	90.6	92.2	94.9
x16	70	70.7	72.8	76.2	89.4	85.4	82.5	80.6	80	80.6	82.5	85.4	89.4	92.2	90.6	90	90.6	92.2
x17	70.7	70	70.7	72.8	85.4	89.4	85.4	82.5	80.6	80	80.6	82.5	85.4	94.9	92.2	90.6	90	90.6
x18	72.8	70.7	70	70.7	82.5	94.3	89.4	85.4	82.5	80.6	80	80.6	82.5	98.5	94.9	92.2	90.6	90
x19	76.2	72.8	70.7	70	80.6	100	94.3	89.4	85.4	82.5	80.6	80	80.6	103	98.5	94.9	92.2	90.6
x20	80.6	76.2	72.8	70.7	80	106.3	100	94.3	89.4	85.4	82.5	80.6	80	108.2	103	98.5	94.9	92.2
x21	72.1	78.1	84.9	92.2	106.3	70.7	72.8	76.2	80.6	86	92.2	99	106.3	82.5	85.4	89.4	94.3	100
x22	67.1	72.1	78.1	84.9	99	70	70.7	72.8	76.2	80.6	86	92.2	99	80.6	82.5	85.4	89.4	94.3
x23	63.2	67.1	72.1	78.1	92.2	70.7	70	70.7	72.8	76.2	80.6	86	92.2	80	80.6	82.5	85.4	89.4
x24	60.8	63.2	67.1	72.1	86	72.8	70.7	70	70.7	72.8	76.2	80.6	86	80.6	80	80.6	82.5	85.4
x25	60	60.8	63.2	67.1	80.6	76.2	72.8	70.7	70	70.7	72.8	76.2	80.6	82.5	80.6	80	80.6	82.5
x26	60.8	60	60.8	63.2	76.2	80.6	76.2	72.8	70.7	70	70.7	72.8	76.2	85.4	82.5	80.6	80	80.6
x27	63.2	60.8	60	60.8	72.8	86	80.6	76.2	72.8	70.7	70	70.7	72.8	89.4	85.4	82.5	80.6	80
x28	67.1	63.2	60.8	60	70.7	92.2	86	80.6	76.2	72.8	70.7	70	70.7	94.3	89.4	85.4	82.5	80.6
x29	72.1	67.1	63.2	60.8	70	99	92.2	86	80.6	76.2	72.8	70.7	70	100	94.3	89.4	85.4	82.5
x30	64	70.7	78.1	86	100	60.8	63.2	67.1	72.1	78.1	84.9	92.2	100	72.8	76.2	80.6	86	92.2
x31	58.3	64	70.7	78.1	92.2	60	60.8	63.2	67.1	72.1	78.1	84.9	92.2	70.7	72.8	76.2	80.6	86
x32	53.9	58.3	64	70.7	84.9	60.8	60	60.8	63.2	67.1	72.1	78.1	84.9	70	70.7	72.8	76.2	80.6
x33	51	53.9	58.3	64	78.1	63.2	60.8	60	60.8	63.2	67.1	72.1	78.1	70.7	70	70.7	72.8	76.2
x34	50	51	53.9	58.3	72.1	67.1	63.2	60.8	60	60.8	63.2	67.1	72.1	72.8	70.7	70	70.7	72.8
x35	51	50	51	53.9	67.1	72.1	67.1	63.2	60.8	60	60.8	63.2	67.1	76.2	72.8	70.7	70	70.7
x36	53.9	51	50	51	63.2	78.1	72.1	67.1	63.2	60.8	60	60.8	63.2	80.6	76.2	72.8	70.7	70
x37	58.3	53.9	51.0	50.0	60.8	84.9	78.1	72.1	67.1	63.2	60.8	60.0	60.8	86.0	80.6	76.2	72.8	70.7
x38	64.0	58.3	53.9	51.0	60.0	92.2	84.9	78.1	72.1	67.1	63.2	60.8	60.0	92.2	86.0	80.6	76.2	72.8
x39	56.6	64.0	72.1	80.6	94.3	51.0	53.9	58.3	64.0	70.7	78.1	86.0	94.3	63.2	67.1	72.1	78.1	84.9
x40	50.0	56.6	64.0	72.1	86.0	50.0	51.0	53.9	58.3	64.0	70.7	78.1	86.0	60.8	63.2	67.1	72.1	78.1
x41	44.7	50.0	56.6	64.0	78.1	51.0	50.0	51.0	53.9	58.3	64.0	70.7	78.1	60.0	60.8	63.2	67.1	72.1
x42	41.2	44.7	50.0	56.6	70.7	53.9	51.0	50.0	51.0	53.9	58.3	64.0	70.7	60.8	60.0	60.8	63.2	67.1
x43	40.0	41.2	44.7	50.0	64.0	58.3	53.9	51.0	50.0	51.0	53.9	58.3	64.0	63.2	60.8	60.0	60.8	63.2
x44	41.2	40.0	41.2	44.7	58.3	64.0	58.3	53.9	51.0	50.0	51.0	53.9	58.3	67.1	63.2	60.8	60.0	60.8
x45	44.7	41.2	40.0	41.2	53.9	70.7	64.0	58.3	53.9	51.0	50.0	51.0	53.9	72.1	67.1	63.2	60.8	60.0
x46	50.0	44.7	41.2	40.0	51.0	78.1	70.7	64.0	58.3	53.9	51.0	50.0	51.0	78.1	72.1	67.1	63.2	60.8
x47	56.6	50.0	44.7	41.2	50.0	86.0	78.1	70.7	64.0	58.3	53.9	51.0	50.0	84.9	78.1	72.1	67.1	63.2
x48	50.0	58.3	67.1	76.2	89.4	41.2	44.7	50.0	56.6	64.0	72.1	80.6	89.4	53.9	58.3	64.0	70.7	78.1
x49	42.4	50.0	58.3	67.1	80.6	40.0	41.2	44.7	50.0	56.6	64.0	72.1	80.6	51.0	53.9	58.3	64.0	70.7
x50	36.1	42.4	50.0	58.3	72.1	41.2	40.0	41.2	44.7	50.0	56.6	64.0	72.1	50.0	51.0	53.9	58.3	64.0
x51	31.6	36.1	42.4	50.0	64.0	44.7	41.2	40.0	41.2	44.7	50.0	56.6	64.0	51.0	50.0	51.0	53.9	58.3
x52	30.0	31.6	36.1	42.4	56.6	50.0	44.7	41.2	40.0	41.2	44.7	50.0	56.6	53.9	51.0	50.0	51.0	53.9
x53	31.6	30.0	31.6	36.1	50.0	56.6	50.0	44.7	41.2	40.0	41.2	44.7	50.0	58.3	53.9	51.0	50.0	51.0
x54	36.1	31.6	30.0	31.6	44.7	64.0	56.6	50.0	44.7	41.2	40.0	41.2	44.7	64.0	58.3	53.9	51.0	50.0
x55	42.4	36.1	31.6	30.0	41.2	72.1	64.0	56.6	50.0	44.7	41.2	40.0	41.2	70.7	64.0	58.3	53.9	51.0
x56	50.0	42.4	36.1	31.6	40.0	80.6	72.1	64.0	56.6	50.0	44.7	41.2	40.0	78.1	70.7	64.0	58.3	53.9
x57	36.1	44.7	53.9	63.2	76.2	30.0	31.6	36.1	42.4	50.0	58.3	67.1	76.2	41.2	44.7	50.0	56.6	64.0
x58	28.3	36.1	44.7	53.9	67.1	31.6	30.0	31.6	36.1	42.4	50.0	58.3	67.1	40.0	41.2	44.7	50.0	56.6
x59	22.4	28.3	36.1	44.7	58.3	36.1	31.6	30.0	31.6	36.1	42.4	50.0	58.3	41.2	40.0	41.2	44.7	50.0
x60	20.0	22.4	28.3	36.1	50.0	42.4	36.1	31.6	30.0	31.6	36.1	42.4	50.0	44.7	41.2	40.0	41.2	44.7
x61	22.4	20.0	22.4	28.3	42.4	50.0	42.4	36.1	31.6	30.0	31.6	36.1	42.4	50.0	44.7	41.2	40.0	41.2
x62	28.3	22.4	20.0	22.4	36.1	58.3	50.0	42.4	36.1	31.6	30.0	31.6	36.1	56.6	50.0	44.7	41.2	40.0
x63	36.1	28.3	22.4	20.0	31.6	67.1	58.3	50.0	42.4	36.1	31.6	30.0	31.6	64.0	56.6	50.0	44.7	41.2
x64	44.7	36.1	28.3	22.4	30.0	76.2	67.1	58.3	50.0	42.4	36.1	31.6	30.0	72.1	64.0	56.6	50.0	44.7
x65	31.6	41.2	51.0	60.8	72.8	20.0	22.4	28.3	36.1	44.7	53.9	63.2	72.8	31.6	36.1	42.4	50.0	58.3
x66	22.4	31.6	41.2	51.0	63.2	22.4	20.0	22.4	28.3	36.1	44.7	53.9	63.2	30.0	31.6	36.1	42.4	50.0
x67	14.1	22.4	31.6	41.2	53.9	28.3	22.4	20.0	22.4	28.3	36.1	44.7	53.9	31.6	30.0	31.6	36.1	42.4
x68	10.0	14.1	22.4	31.6	44.7	36.1	28.3	22.4	20.0	22.4	28.3	36.1	44.7	36.1	31.6	30.0	31.6	36.1
x69	14.1	10.0	14.1	22.4	36.1	44.7	36.1	28.3	22.4	20.0	22.4	28.3	36.1	42.4	36.1	31.6	30.0	31.6
x70	22.4	14.1	10.0	14.1	28.3	53.9	44.7	36.1	28.3	22.4	20.0	22.4	28.3	50.0	42.4	36.1	31.6	30.0
x71	31.6	22.4	14.1	10.0	22.4	63.2	53.9	44.7	36.1	28.3	22.4	20.0	22.4	58.3	50.0	42.4	36.1	31.

付録3 定式化 AED 配置 ケース1 総移動距離最小化 (01.jp)

min

0y0101+10y0102+20y0103+30y0104+14.1y0105+10y0106+14.1y0107+22.4y0108+31.6y0109+41.2y0110+51y0111+22.4y0112+20y0113+22.4y0114+28.3y0115+36.1y0116+44.7y0117+53.9y0118+63.2y0119+72.8y0120+31.6y0121+30y0122+31.6y0123+36.1y0124+42.4y0125+50y0126+58.3y0127+67.1y0128+76.2y0129+41.2y0130+40y0131+41.2y0132+44.7y0133+50y0134+56.6y0135+64y0136+72.1y0137+80.6y0138+51y0139+50y0140+51y0141+51.9y0142+58.3y0143+64y0144+70.7y0145+78.1y0146+86y0147+60.8y0148+60y0149+60.8y0150+63.2y0151+67.1y0152+72.1y0153+78.1y0154+84.9y0155+92.2y0156+70y0157+70.7y0158+72.8y0159+76.2y0160+80.6y0161+86y0162+92.2y0163+99y0164+80y0165+80.6y0166+82.5y0167+85.4y0168+89.4y0169+94.3y0170+100y0171+106.3y0172+90y0173+90.6y0174+92.2y0175+94.9y0176+98.5y0177+103y0178+108.2y0179+122.1y0180+100y0181+100.5y0182+102y0183+104.4y0184+107.7y0185+111.8y0186+116.6y0187+122.1y0188+110.5y0189+111.8y0190+114y0191+117.1y0192+120.8y0193+102y0201+10y0202+10y0203+20y0204+22.4y0205+14.1y0206+10y0207+14.1y0208+22.4y0209+31.6y0210+41.2y0211+28.3y0212+22.4y0213+20y0214+22.4y0215+28.3y0216+36.1y0217+44.7y0218+53.9y0219+63.2y0220+36.1y0221+31.6y0222+30y0223+31.6y0224+36.1y0225+42.4y0226+50y0227+58.3y0228+67.1y0229+44.7y0230+41.2y0231+40y0232+41.2y0233+44.7y0234+50y0235+56.6y0236+64y0237+72.1y0238+53.9y0239+51y0240+50y0241+51y0242+53.9y0243+58.3y0244+64y0245+70.7y0246+78.1y0247+63.2y0248+60.8y0249+60y0250+60.8y0251+63.2y0252+67.1y0253+72.1y0254+78.1y0255+84.9y0256+70.7y0257+70y0258+70.7y0259+72.8y0260+76.2y0261+80.6y0262+86y0263+92.2y0264+80.6y0265+80y0266+80.6y0267+82.5y0268+85.4y0269+89.4y0270+94.3y0271+100y0272+90.6y0273+90y0274+90.6y0275+92.2y0276+94.9y0277+98.5y0278+103y0279+116.6y0280+100.5y0281+100y0282+100.5y0283+102y0284+104.4y0285+107.7y0286+111.8y0287+116.6y0288+110y0289+110.5y0290+111.8y0291+114y0292+117y0293+20y0301+10y0302+10y0303+10y0304+31.6y0305+22.4y0306+14.1y0307+10y0308+14.1y0309+22.4y0310+31.6y0311+36.1y0312+28.3y0313+22.4y0314+20y0315+22.4y0316+28.3y0317+36.1y0318+44.7y0319+53.9y0320+42.4y0321+36.1y0322+31.6y0323+30y0324+31.6y0325+36.1y0326+42.4y0327+50y0328+58.3y0329+50y0330+44.7y0331+41.2y0332+40y0333+41.2y0334+44.7y0335+50y0336+56.6y0337+64y0338+58.3y0339+53.9y0340+51y0341+50y0342+51y0343+53.9y0344+58.3y0345+64y0346+70.7y0347+67.1y0348+63.2y0349+60.8y0350+60y0351+60.8y0352+63.2y0353+67.1y0354+72.1y0355+78.1y0356+72.8y0357+70.7y0358+70y0359+70.7y0360+72.8y0361+76.2y0362+80.6y0363+86y0364+82.5y0365+80.6y0366+80y0367+80.6y0368+82.5y0369+85.4y0370+89.4y0371+94.3y0372+92.2y0373+90.6y0374+90y0375+90.6y0376+92.2y0377+94.9y0378+89.4y0379+111.8y0380+102y0381+100.5y0382+100y0383+100.5y0384+102y0385+104.4y0386+107.7y0387+111.8y0388+110.5y0389+110y0390+105y0391+111.8y0392+114y0393+30y0401+20y0402+10y0403+0y0404+41.2y0405+31.6y0406+22.4y0407+14.1y0408+10y0409+14.1y0410+22.4y0411+44.7y0412+36.1y0413+28.3y0414+22.4y0415+20y0416+22.4y0417+28.3y0418+36.1y0419+44.7y0420+50y0421+42.4y0422+36.1y0423+31.6y0424+30y0425+31.6y0426+36.1y0427+42.4y0428+50y0429+56.6y0430+50y0431+44.7y0432+41.2y0433+40y0434+41.2y0435+44.7y0436+50y0437+56.6y0438+64y0439+58.3y0440+53.9y0441+51y0442+50y0443+51y0444+53.9y0445+58.3y0446+64y0447+72.1y0448+67.1y0449+63.2y0450+60.8y0451+60y0452+60.8y0453+63.2y0454+67.1y0455+72.1y0456+76.2y0457+72.8y0458+70.7y0459+70y0460+70.7y0461+72.8y0462+76.2y0463+80.6y0464+85.4y0465+82.5y0466+80.6y0467+80y0468+80.6y0469+82.5y0470+85.4y0471+89.4y0472+94.9y0473+92.2y0474+90.6y0475+90y0476+90.6y0477+92.2y0478+94.9y0479+107.7y0480+104.4y0481+102y0482+100.5y0483+100y0484+100.5y0485+102y0486+104.4y0487+107.7y0488+111.8y0489+110.5y0490+110y0491+110.5y0492+111.8y0493+14.1y0501+22.4y0502+31.6y0503+41.2y0504+0y0505+10y0506+20y0507+30y0508+40y0509+50y0510+60y0511+10y0512+14.1y0513+22.4y0514+31.6y0515+41.2y0516+51y0517+60.8y0518+70.7y0519+20y0520+20y0521+22.4y0522+28.3y0523+36.1y0524+44.7y0525+53.9y0526+63.2y0527+72.8y0528+82.5y0529+30y0530+31.6y0531+36.1y0532+42.4y0533+50y0534+58.3y0535+67.1y0536+76.2y0537+85.4y0538+40y0539+41.2y0540+44.7y0541+50y0542+56.6y0543+64y0544+72.1y0545+80.6y0546+89.4y0547+50y0548+51y0549+53.9y0550+58.3y0551+64y0552+70.7y0553+78.1y0554+86y0555+94.3y0556+60.8y0557+63.2y0558+67.1y0559+72.1y0560+78.1y0561+84.9y0562+92.2y0563+100y0564+70.7y0565+72.8y0566+76.2y0567+80.6y0568+86y0569+92.2y0570+99y0571+106.3y0572+80.6y0573+82.5y0574+85.4y0575+89.4y0576+94.3y0577+100y0578+84.106.3y0579+120.4y0580+90.6y0581+92.2y0582+94.9y0583+98.5y0584+103y0585+108.2y0586+114y0587+120.4y0588+102y0589+104.4y0590+107.7y0591+111.8y0592+116.6y0593+10y0601+14.1y0602+22.4y0603+31.6y0604+10y0605+0y0606+10y0607+20y0608+30y0609+40y0610+50y0611+14.1y0612+10y0613+14.1y0614+22.4y0615+31.6y0616+41.2y0617+51y0618+60.8y0619+70.7y0620+22.4y0621+20y0622+22.4y0623+28.3y0624+36.1y0625+44.7y0626+53.9y0627+63.2y0628+72.8y0629+31.6y0630+30y0631+31.6y0632+36.1y0633+42.4y0634+50y0635+58.3y0636+67.1y0637+76.2y0638+41.2y0639+40y0640+41.2y0641+44.7y0642+50y0643+56.6y0644+64y0645+72.1y0646+80.6y0647+51y0648+50y0649+51y0650+53.9y0651+58.3y0652+64y0653+70.7y0654+78.1y0655+86y0656+60y0657+60.8y0658+63.2y0659+67.1y0660+72.1y0661+78.1y0662+84.9y0663+92.2y0664+70y0665+70.7y0666+72.8y0667+62.2y0668+80.6y0669+86y0670+92.2y0671+99y0672+80y0673+80.6y0674+82.5y0675+85.4y0676+89.4y0677+94.3y0678+100y0679+114y0680+90y0681+90.6y0682+92.2y0683+94.9y0684+98.5y0685+103y0686+108.2y0687+114y0688+100.5y0689+102y0690+104.4y0691+107.7y0692+111.8y0693+14.1y0701+10y0702+11.8y0703+22.4y0704+20y0705+10y0706+0y0707+10y0708+20y0709+30y0710+40y0711+22.4y0712+14.1y0713+10y0714+14.1y0715+22.4y0716+31.6y0717+41.2y0718+51y0719+60.8y0720+28.3y0721+22.4y0722+20y0723+22.4y0724+28.3y0725+36.1y0726+44.7y0727+53.9y0728+63.2y0729+36.1y0730+31.6y0731+30y0732+31.6y0733+36.1y0734+42.4y0735+50y0736+58.3y0737+67.1y0738+44.7y0739+41.2y0740+40y0741+41.2y0742+44.7y0743+50y0744+56.6y0745+64y0746+72.1y0747+53.9y0748+51y0749+50y0750+51y0751+53.9y0752+58.3y0753+64y0754+70.7y0755+78.1y0756+60.8y0757+60y0758+60.8y0759+60.8y0760+60.8y0761+72.1y0762+78.1y0763+84.9y0764+70.7y0765+70y0766+70.7y0767+2.8y0768+76.2y0769+80.6y0770+86y0771+92.2y0772+80.6y0773+80y0774+80.6y0775+82.5y0776+85.4y0777+89.4y0778+94.3y0779+108.2y0780+90.6y0781+90y0782+90.6y0783+92.2y0784+94.9y0785+98.5y0786+103y0787+108.2y0788+100y0789+100.5y0790+102y0791+104.4y0792+107.7y0793+22.4y0801+14.1y0802+10y0803+14.1y0804+30y0805+20y0806+10y0807+0y0808+10y0809+20y0810+30y0811+31.6y0812+22.4y0813+14.1y0814+10y0815+14.1y0816+22.4y0817+31.6y0818+41.2y0819+15y0820+36.1y0821+28.3y0822+22.4y0823+20y0824+22.4y0825+28.3y0826+36.1y0827+44.7y0828+53.9y0829+42.4y0830+36.1y0831+31.6y0832+30y0833+31.6y0834+36.1y0835+42.4y0836+50y0837+58.3y0838+50y0839+44.7y0840+41.2y0841+40y0842+41.2y0843+44.7y0844+50y0845+56.6y0846+64y0847+58.3y0848+53.9y0849+51y0850+50y0851+51y0852+53.9y0853+58.3y0854+64y0855+70.7y0856+63.2y0857+60.8y0858+60y0859+60.8y0860+63.2y0861+67.1y0862+72.1y0863+78.1y0864+72.8y0865+70.7y0866+70y0867+70.7y0868+78.1y0869+76.2y0870+80.6y0871+86y0872+82.5y0873+80.6y0874+80y0875+80.6y0876+82.5y0877+85.4y0878+89.4y0879+103y0880+92.2y0881+90.6y0882+90y0883+90.6y0884+92.2y0885+94.9y0886+98.5y0887+103y0888+100.5y0889+100y0890+100.5y0891+102y0892+104.4y0893+61.6y0901+22.4y0902+14.1y0903+10y0904+0y0905+0y0906+20y0907+10y0908+0y0909+10y0910+20y0911+41.2y0912+31.6y0913+22.4y0914+14.1y0915+10y0916+14.1y0917+22.4y0918+31.6y0919+41.2y0920+44.7y0921+36.1y0922+28.3y0923+22.4y0924+20y0925+22.4y0926+28.3y0927+36.1y0928+44.7y0929+50y0930+42.4y0931+36.1y0932+31.6y0933+30y0934+31.6y0935+36.1y0936+42.4y0937+50y0938+56.6y0939+50y0940+44.7y0941+41.2y0942+40y0943+41.2y0944+44.7y0945+50y0946+56.6y0947+64y0948+58.3y0949+53.9y0950+51y0951+50y0952+51y0953+53.9y0954+58.3y0955+64y0956+67.1y0957+63.2y0958+60.8y0959+60y0960+60.8y0961+63.2y0962+67.1y0963+72.1y0964+76.2y0965+72.8y0966+70.7y0967+70y0968+70.7y0969+72.8y0970+76.2y0971+80.6y0972+85.4y0973+82.5y0974+80.6y0975+80y0976+80.6y0977+82.5y0978+85.4y0979+98.5y0980+94.9y0981+92.2y0982+90.6y0983+90y0984+90.6y0985+92.2y0986+94.9y0987+98.5y0988+102y0989+100.5y0990+100y0991+100.5y0992+102y0993+41.2y1001+31.6y1002+22.4y1003+14.1y1004+50y1005+40y1006+30y1007+20y1008+10y1009+10y1010+10y1011+51y1012+2+41.2y1013+31.6y1014+22.4y1015+14.1y1016+10y1017+14.1y1018+22.4y1019+31.6y1020+53.9y1021+44.7y1022+36.1y1023+28.3y1024+22.4y1025+20y1026+22.4y1027+3.9y1028+36.1y1029+58.3y1030+50y1031+42.4y1032+36.1y1033+31.6y1034+30y1035+31.6y1036+36.1y1037+42.4y1038+64y1039+56.6y1040+50y1041+44.7y1042+41.2y1043+40y1044+41.2y1045+44.7y1046+50y1047+70.7y1048+64y1049+58.3y1050+53.9y1051+51y1052+50y1053+51y1054+53.9y1055+8.3y1056+72.1y1057+67.1y1058+63.2y1059+60.8y1060+60y1061+60.8y1062+63.2y1063+67.1y1064+80.6y1065+76.2y1066+72.8y1067+70.7y1068+70y1069+70.7y1070+72.8y1071+76.2y1072+89.4y1073+85.4y1074+82.5y1075+80.6y1076+80y1077+80.6y1078+82.5y1079+94.9y1080+98.5y1081+94.9y1082+92.2y1083+90.6y1084+90y1085+90.6y1086+92.2y1087+94.9y1088+104.4y1089+102y1090+100.5y1091+100y1092+100.5y1093+51y1101+41.2y1102+31.6y1103+22.4y1104+60y1105+50y1106+40y1107+30y1108+20y1109+10y1110+11y1111+60.8y1112+51y1113+41.2y1114+31.6y1115+22.4y1116+14.1y1117+10y1118+14.1y1119+22.4y1120+63.2y1121+53.9y1122+44.7y1123+36.1y1124+28.3y1125+22.4y1126+20y1127+22.4y1128+28.3y1129+67.1y1130+58.3y1131+50y1132+42.4y1133+36.1y1134+31.6y1135+30y1136+31.6y1137+36.1y1138+72.1y1139+64y1140+56.6y1141+50y1142+44.7y1143+41.2y1144+40y1145+41.2y1146+44.7y1147+78.1y1148+70.7y1149+64y1150+58.3y1151+53.9y1152+51y1153+50y1154+51y1155+53.9y1156+78.1y1157+72.1y1158+67.1y1159+63.2y1160+60.8y1161+60y1162+60.8y1163+63.2y1164+86y1165+80.6y1166+76.2y1167+72.8y1168+70.7y1169+70y1170+70.7y1171+70.7y1172+94.3y1173+89.4y1174+85.4y1175+82.5y1176+80.6y1177+80y1178+80.6y1179+92.2y1180+103y1181+98.5y1182+94.9y1183+92.2y1184+90y1185+90y1186+90.6y1187+92.2y1188+107.7y1189+104.4y1190+102y1191+100.5y1192+100y1193+22.4y1201+28.3y1202+36.1y1203+44.7y1204+10y1205+14.1y1206+22.4y1207+31.6y1208+41.2y1209+51y1210+60.8y1211+0y1212+10y1213+20y1214+30y1215+40y1216+50y1217+60y1218+70y1219+80y1220+10y1221+14.1y1222+22.4y1223+31.6y1224+41.2y1225+51y1226+60.8y1227+70.7y1228+80.6y1229+20y1230+22.4y1231+28.3y1232+36.1y1233+44.7y1234+53.9y1235+63.2y1236+72.8y1237+82.5y1238+30y1239+31.6y1240+36.1y1241+42.4y1242+50y1243+58.3y1244+67.1y1245+76.2y1246+85.4y1247+40y1248+41.2y1249+44.7y1250+50y1251+56.6y1252+64y1253+72.1y1254+80.6y1255+89.4y1256+51y1257+53.9y1258+58.3y1259+64y1260+70.7y1261+78.1y1262+86y1263+94.3y1264+60.8y1265+63.2y1266+67.1y1267+72.1y1268+78.1y1269+84.9y1270+92.2y1271+100y1272+70.7y1273+72.8y1274+76.2y1275+80.6y1276+86y1277+92.2y1278+99y1279+113.1y1280+80.6y1281+82.5y1282+85.4y1283+89.4y1284+94.3y1285+100y1286+106.3y1287+113.1y1288+92.2y1289+94.9y1290+98.5y1291+103y1292+108.2y1293+20y1301+22.4y1302+28.3y1303+36.1y1304+14.1y1305+10y1306+14.1y1307+22.4y1308+31.6y1309+41.2y1310+51y1311+10y1312+0y1313+10y1314+20y1315+30y1316+40y1317+50y1318+60y1319+70y1320+14.1y1321+10y1322+14.1y1323+22.4y1324+31.6y1325+41.2y1326+51y1327+60.8y1328+70.7y1329+22.4y1330+20y1331+22.4y1332+28.3y1333+36.1y1334+44.7y1335+53.9y1336+63.2y1337+72.8y1338+31.6y1339+30y1340+31.6y1341+36.1y1342+42.4y1343+50y1344+58.3y1345+67.1y1346+76.2y1347+41.2y1348+40y1349+41.2y1350+44.7y1351+50y1352+56.6y1353+64y1354+72.1y1355+80y1356+50y1357+51y1358+53.9y1359+58.3y1360+64y1361+70.7y1362+78.1y1363+86y1364+60y1365+60.8y1366+63.2y1367+67.1y1368+72.1y1369+78.1y1370+84.9y1371+92.2y1372+70y1373+70.7y1374+72.8y1375+76.2y1376+80.6y1377+86y1378+92.2y1379+106.3y1380+80y1381+80.6y1382+82.5y1383+85.4y1384+89.4y1385+94.3y1386+100y1387+106.3y1388+90.6y1389+92.2y1390+94.9y1391+98.5y1392+103y1393+22.4y1401+20y1402+22.4y1403+28.3y1404+22.4y1405+14.1y1406+10y1407+14.1y1408+22.4y1409+31.6y1410+41.2y1411+20y1412+10y1413+0y1414+10y1415+2

0y1416+30y1417+40y1418+50y1419+60y1420+
22.4y1421+14.1y1422+10y1423+14.1y1424+22.4y1425+31.6y1426+41.2y1427+51.1y1428+60.8y1429+28.3y1430+22.4y1431+20y1432+22.4y1433+28.3y1434+36.1y1435+44.7y1436+53.9y1437+63.2y1438+36.1y1439+31.6y1440+
30y1441+31.6y1442+36.1y1443+42.4y1444+50y1445+58.3y1446+67.1y1447+44.7y1448+41.2y1449+40y1450+41.2y1451+44.7y1452+50y1453+56.6y1454+64y1455+72.1y1456+51y1457+50y1458+51y1459+53.9y1460+
58.3y1461+64y1462+70.7y1463+78.1y1464+60.8y1465+60y1466+60.8y1467+63.2y1468+67.1y1469+72.1y1470+78.1y1471+84.9y1472+70.7y1473+70y1474+70.7y1475+72.8y1476+76.2y1477+80.6y1478+86.1y479+100y1480+
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44.7y2741+36.1y2742+28.3y2743+22.4y2744+20y2745+22.4y2746+28.3y2747+67.1y2748+58.3y2749+50y2750+42.4y2751+36.1y2752+31.6y2753+30y2754+31.6y2755+36.1y2756+64y2757+56.6y2758+50y2759+44.7y2760+
41.2y2761+40y2762+41.2y2763+44.7y2764+70.7y2765+64y2766+58.3y2767+53.9y2768+51y2769+50y2770+51y2771+53.9y2772+78.1y2773+72.1y2774+67.1y2775+63.2y2776+60.8y2777+60y2778+60.8y2779+72.8y2780+

86y2781+80.6y2782+76.2y2783+72.8y2784+70.7y2785+70y2786+70.7y2787+72.8y2788+89.4y2789+85.4y2790+82.5y2791+80.6y2792+80y2793+67.1y2801+58.3y2802+50y2803+42.4y2804+7.5y2805+63.2y2806+53.9y2807+44.7y2808+36.1y2809+28.3y2810+22.4y2811+70.7y2812+60.8y2813+51y2814+41.2y2815+31.6y2816+22.4y2817+14.1y2818+10y2819+14.1y2820+70y2821+60y2822+50y2823+40y2824+30y2825+20y2826+10y2827+0y2828+10y2829+70.7y2830+60.8y2831+51y2832+41.2y2833+31.6y2834+22.4y2835+14.1y2836+10y2837+14.1y2838+7.2y2839+63.2y2840+53.9y2841+44.7y2842+36.1y2843+28.3y2844+22.4y2845+20y2846+22.4y2847+7.6.2y2848+67.1y2849+58.3y2850+50y2851+42.4y2852+36.1y2853+31.6y2854+30y2855+31.6y2856+7.2y2857+64y2858+56.6y2859+50y2860+44.7y2861+41.2y2862+40y2863+41.2y2864+78.1y2865+70.7y2866+64y2867+58.3y2868+53.9y2869+51y2870+50y2871+51.1y2872+84.9y2873+78.1y2874+72.1y2875+67.1y2876+63.2y2877+60.8y2878+60y2879+70.7y2880+92.2y2881+86y2882+80.6y2883+76.2y2884+72.8y2885+70.7y2886+70y2887+70.7y2888+94.3y2889+89.4y2890+85.4y2891+82.5y2892+80.6y2893+76.2y2901+67.1y2902+58.3y2903+50y2904+82.5y2905+72.8y2906+63.2y2907+53.9y2908+44.7y2909+36.1y2910+28.3y2911+80.6y2912+70.7y2913+60.8y2914+51y2915+41.2y2916+31.6y2917+22.4y2918+14.1y2919+10y2920+80y2921+70y2922+60y2923+50y2924+0y2925+30y2926+20y2927+10y2928+0y2929+80.6y2930+70.7y2931+60.8y2932+51y2933+41.2y2934+31.6y2935+22.4y2936+14.1y2937+10y2938+82.5y2939+72.8y2940+63.2y2941+53.9y2942+44.7y2943+36.1y2944+28.3y2945+22.4y2946+20y2947+85.4y2948+76.2y2949+67.1y2950+58.3y2951+50y2952+42.4y2953+36.1y2954+31.6y2955+30y2956+60.8y2957+72.1y2958+64y2959+56.6y2960+50y2961+44.7y2962+41.2y2963+40y2964+46y2965+78.1y2966+70.7y2967+64y2968+58.3y2969+53.9y2970+51y2971+50y2972+92.2y2973+84.9y2974+78.1y2975+72.1y2976+67.1y2977+63.2y2978+60.8y2979+70y2980+99y2981+92.2y2982+86y2983+80.6y2984+76.2y2985+72.8y2986+70.7y2987+70y2988+100y2989+94.3y2990+89.4y2991+85.4y2992+82.5y2993+41.2y3001+44.7y3002+50y3003+56.6y3004+30y3005+31.6y3006+36.1y3007+42.4y3008+50y3009+58.3y3010+67.1y3011+20y3012+22.4y3013+28.3y3014+36.1y3015+44.7y3016+53.9y3017+63.2y3018+72.8y3019+82.5y3020+10y3021+14.1y3022+22.4y3023+31.6y3024+41.2y3025+51y3026+60.8y3027+70.7y3028+80.6y3029+0y3030+10y3031+20y3032+30y3033+40y3034+50y3035+60y3036+70y3037+80y3038+10y3039+14.1y3040+22.4y3041+31.6y3042+41.2y3043+51y3044+60.8y3045+70.7y3046+80.6y3047+20y3048+22.4y3049+28.3y3050+36.1y3051+44.7y3052+53.9y3053+63.2y3054+72.8y3055+82.5y3056+31.6y3057+36.1y3058+42.4y3059+50y3060+58.3y3061+67.1y3062+76.2y3063+85.4y3064+41.2y3065+44.7y3066+50y3067+56.6y3068+64y3069+72.1y3070+80.6y3071+89.4y3072+51y3073+53.9y3074+58.3y3075+64y3076+70.7y3077+78.1y3078+86y3079+100y3080+60.8y3081+63.2y3082+67.1y3083+72.1y3084+78.1y3085+84.9y3086+92.2y3087+100y3088+72.8y3089+76.2y3090+80.6y3091+86y3092+92.2y3093+40y3101+41.2y3102+44.7y3103+50y3104+31.6y3105+30y3106+31.6y3107+36.1y3108+42.4y3109+50y3110+58.3y3111+22.4y3112+20y3113+22.4y3114+28.3y3115+36.1y3116+44.7y3117+53.9y3118+63.2y3119+72.8y3120+1y3121+10y3122+14.1y3123+22.4y3124+31.6y3125+41.2y3126+51y3127+60.8y3128+20y3129+10y3130+0y3131+10y3132+20y3133+30y3134+40y3135+50y3136+60y3137+70y3138+14.1y3139+10y3140+14.1y3141+22.4y3142+31.6y3143+41.2y3144+51y3145+60.8y3146+70.7y3147+22.4y3148+20y3149+22.4y3150+28.3y3151+36.1y3152+44.7y3153+53.9y3154+63.2y3155+72.8y3156+30y3157+31.6y3158+36.1y3159+42.4y3160+50y3161+58.3y3162+67.1y3163+76.2y3164+40y3165+41.2y3166+44.7y3167+50y3168+56.6y3169+64y3170+72.1y3171+80.6y3172+50y3173+51y3174+53.9y3175+58.3y3176+64y3177+70.7y3178+78.1y3179+92.2y3180+60y3181+60.8y3182+63.2y3183+67.1y3184+72.1y3185+78.1y3186+84y3187+92.2y3188+70.7y3189+72.8y3190+76.2y3191+80.6y3192+86y3193+41.2y3201+40y3202+41.2y3203+44.7y3204+36.1y3205+31.6y3206+30y3207+31.6y3208+36.1y3209+42.4y3210+50y3211+28.3y3212+22.4y3213+20y3214+22.4y3215+28.3y3216+36.1y3217+44.7y3218+53.9y3219+63.2y3220+22.4y3221+14.1y3222+10y3223+14.1y3224+22.4y3225+31.6y3226+41.2y3227+51y3228+60.8y3229+20y3230+10y3231+0y3232+10y3233+20y3234+30y3235+40y3236+50y3237+60y3238+22.4y3239+14.1y3240+10y3241+14.1y3242+22.4y3243+31.6y3244+41.2y3245+51y3246+60.8y3247+28.3y3248+22.4y3249+20y3250+22.4y3251+28.3y3252+36.1y3253+44.7y3254+53.9y3255+63.2y3256+31.6y3257+30y3258+31.6y3259+36.1y3260+42.4y3261+50y3262+58.3y3263+67.1y3264+41.2y3265+40y3266+41.2y3267+44.7y3268+50y3269+56.6y3270+64y3271+72.1y3272+51y3273+50y3274+51y3275+53.9y3276+58.3y3277+64y3278+70.7y3279+84.9y3280+60.8y3281+60y3282+60.8y3283+63.2y3284+67.1y3285+72.1y3286+78.1y3287+84.9y3288+70y3289+70.7y3290+72.8y3291+76.2y3292+80.6y3293+44.7y3301+41.2y3302+40y3303+41.2y3304+22.4y3305+36.1y3306+31.6y3307+30y3308+31.6y3309+36.1y3310+42.4y3311+36.1y3312+28.3y3313+22.4y3314+20y3315+22.4y3316+28.3y3317+36.1y3318+44.7y3319+53.9y3320+31.6y3321+22.4y3322+14.1y3323+10y3324+14.1y3325+22.4y3326+31.6y3327+41.2y3328+51y3329+30y3330+20y3331+10y3332+0y3333+10y3334+20y3335+30y3336+40y3337+50y3338+31.6y3339+22.4y3340+14.1y3341+10y3342+14.1y3343+22.4y3344+31.6y3345+41.2y3346+51y3347+36.1y3348+28.3y3349+22.4y3350+20y3351+22.4y3352+28.3y3353+36.1y3354+44.7y3355+53.9y3356+36.1y3357+31.6y3358+30y3359+31.6y3360+36.1y3361+42.4y3362+50y3363+58.3y3364+44.7y3365+41.2y3366+40y3367+41.2y3368+44.7y3369+50y3370+56.6y3371+64y3372+53.9y3373+51y3374+50y3375+51y3376+53.9y3377+58.3y3378+64y3379+78.1y3380+63.2y3381+60.8y3382+60y3383+60.8y3384+63.2y3385+67.1y3386+72.1y3387+78.1y3388+70.7y3389+70y3390+70.7y3391+72.8y3392+76.2y3393+50y3401+44.7y3402+41.2y3403+40y3404+50y3405+42.4y3406+36.1y3407+31.6y3408+30y3409+31.6y3410+36.1y3411+44.7y3412+36.1y3413+28.3y3414+22.4y3415+20y3416+22.4y3417+28.3y3418+36.1y3419+44.7y3420+41.2y3421+31.6y3422+22.4y3423+14.1y3424+10y3425+14.1y3426+22.4y3427+1.6y3428+41.2y3429+40y3430+30y3431+20y3432+10y3433+0y3434+10y3435+20y3436+30y3437+40y3438+41.2y3439+31.6y3440+22.4y3441+14.1y3442+10y3443+14.1y3444+22.4y3445+31.6y3446+41.2y3447+44.7y3448+36.1y3449+28.3y3450+22.4y3451+20y3452+22.4y3453+28.3y3454+36.1y3455+44.7y3456+42.4y3457+36.1y3458+31.6y3459+30y3460+31.6y3461+36.1y3462+42.4y3463+50y3464+50y3465+44.7y3466+41.2y3467+40y3468+41.2y3469+44.7y3470+50y3471+56.6y3472+58.3y3473+53.9y3474+51y3475+47y92.1y3480+67.1y3481+63.2y3482+60.8y3483+60y3484+60.8y3485+63.2y3486+67.1y3487+72.1y3488+72.8y3489+70.7y3490+70y3491+70.7y3492+72.8y3493+56.6y3501+50y3502+44.7y3503+41.2y3504+58.3y3505+50y3506+42.4y3507+36.1y3508+31.6y3509+30y3510+31.6y3511+53.9y3512+44.7y3513+36.1y3514+28.3y3515+22.4y3516+20y3517+22.4y3518+2.8y3519+36.1y3520+51y3521+41.2y3522+31.6y3523+22.4y3524+14.1y3525+10y3526+14.1y3527+22.4y3528+31.6y3529+50y3530+40y3531+30y3532+20y3533+10y3534+0y3535+10y3536+20y3537+30y3538+51y3539+41.2y3540+31.6y3541+22.4y3542+14.1y3543+10y3544+14.1y3545+22.4y3546+31.6y3547+53.9y3548+44.7y3549+36.1y3550+28.3y3551+22.4y3552+20y3553+22.4y3554+28.3y3555+36.1y3556+50y3557+42.4y3558+36.1y3559+31.6y3560+30y3561+31.6y3562+36.1y3563+42.4y3564+56.6y3565+50y3566+44.7y3567+41.2y3568+40y3569+41.2y3570+44.7y3571+50y3572+64y3573+58.3y3574+53.9y3575+51y3576+50y3577+51y3578+53.9y3579+67.1y3580+72.1y3581+67.1y3582+63.2y3583+60.8y3584+60y3585+60.8y3586+63.2y3587+7.1y3588+76.2y3589+72.8y3590+70.7y3591+70y3592+70.7y3593+64y3601+56.6y3602+50y3603+44.7y3604+67.1y3605+58.3y3606+50y3607+42.4y3608+36.1y3609+31.6y3610+30y3611+63.2y3612+53.9y3613+44.7y3614+36.1y3615+51y3616+22.4y3617+20y3618+22.4y3619+28.3y3620+31.6y3621+51y3622+41.2y3623+31.6y3624+22.4y3625+14.1y3626+10y3627+14.1y3628+22.4y3629+60y3630+50y3631+40y3632+30y3633+20y3634+10y3635+0y3636+10y3637+20y3638+60.8y3639+51y3640+41.2y3641+31.6y3642+22.4y3643+14.1y3644+10y3645+14.1y3646+22.4y3647+3.2y3648+53.9y3649+44.7y3650+36.1y3651+28.3y3652+22.4y3653+20y3654+22.4y3655+28.3y3656+58.3y3657+50y3658+42.4y3659+36.1y3660+31.6y3661+30y3662+31.6y3663+36.1y3664+64y3665+56.6y3666+50y3667+44.7y3668+41.2y3669+40y3670+41.2y3671+44.7y3672+70.7y3673+64y3674+58.3y3675+53.9y3676+51y3677+50y3678+51y3679+63.2y3680+78.1y3681+72.1y3682+67.1y3683+63.2y3684+60.8y3685+60y3686+60.8y3687+63.2y3688+80.6y3689+76.2y3690+72.8y3691+70.7y3692+70y3693+72.1y3701+64y3702+56.6y3703+50y3704+76.2y3705+67.1y3706+58.3y3707+50y3708+42.4y3709+36.1y3710+31.6y3711+72.8y3712+63.2y3713+53.9y3714+44.7y3715+36.1y3716+28.3y3717+22.4y3718+20y3719+22.4y3720+70.7y3721+60.8y3722+51y3723+41.2y3724+31.6y3725+22.4y3726+14.1y3727+10y3728+14.1y3729+70y3730+60y3731+50y3732+40y3733+30y3734+20y3735+10y3736+0y3737+10y3738+70.7y3739+60.8y3740+51y3741+41.2y3742+31.6y3743+22.4y3744+14.1y3745+10y3746+14.1y3747+72.8y3748+63.2y3749+53.9y3750+44.7y3751+36.1y3752+28.3y3753+22.4y3754+20y3755+22.4y3756+67.1y3757+58.3y3758+0y3759+42.4y3760+36.1y3761+31.6y3762+30y3763+31.6y3764+14.1y3765+64y3766+56.6y3767+50y3768+44.7y3769+41.2y3770+40y3771+41.2y3772+78.1y3773+70.7y3774+64y3775+58.3y3776+53.9y3777+51y3778+50y3779+60.8y3780+84.9y3781+78.1y3782+72.1y3783+67.1y3784+63.2y3785+60.8y3786+60y3787+60.8y3788+86y3789+80.6y3790+76.2y3791+72.8y3792+70.7y3793+80.6y3801+72.1y3802+64y3803+56.6y3804+85.4y3805+76.2y3806+67.1y3807+58.3y3808+50y3809+42.4y3810+36.1y3811+82.5y3812+72.8y3813+63.2y3814+53.9y3815+44.7y3816+36.1y3817+28.3y3818+22.4y3819+20y3820+80.6y3821+70.7y3822+60.8y3823+51y3824+41.2y3825+31.6y3826+22.4y3827+14.1y3828+10y3829+80y3830+70y3831+60y3832+50y3833+40y3834+30y3835+20y3836+10y3837+0y3838+80.6y3839+70.7y3840+60.8y3841+51y3842+41.2y3843+31.6y3844+22.4y3845+14.1y3846+10y3847+82.5y3848+72.8y3849+63.2y3850+53.9y3851+44.7y3852+36.1y3853+28.3y3854+22.4y3855+20y3856+76.2y3857+67.1y3858+58.3y3859+50y3860+42.4y3861+36.1y3862+31.6y3863+30y3864+80.6y3865+72.1y3866+64y3867+56.6y3868+50y3869+44.7y3870+41.2y3871+40y3872+86y3873+78.1y3874+70.7y3875+64y3876+58.3y3877+53.9y3878+51y3879+60y3880+92.2y3881+84.9y3882+78.1y3883+72.1y3884+67.1y3885+63.2y3886+60.8y3887+60y3888+92.2y3889+86y3890+80.6y3891+14.1y3892+72.8y3893+51y3901+53.9y3902+58.3y3903+64y3904+40y3905+41.2y3906+44.7y3907+50y3908+56.6y3909+64y3910+72.1y3911+30y3912+31.6y3913+36.1y3914+42.4y3915+50y3916+58.3y3917+67.1y3918+76.2y3919+85.4y3920+20y3921+22.4y3922+28.3y3923+36.1y3924+44.7y3925+53.9y3926+63.2y3927+72.8y3928+82.5y3929+10y3930+14.1y3931+22.4y3932+31.6y3933+41.2y3934+51y3935+60.8y3936+70.7y3937+80.6y3938+0y3939+10y3940+20y3941+30y3942+40y3943+50y3944+60y3945+70y3946+80y3947+10y3948+14.1y3949+22.4y3950+31.6y3951+41.2y3952+51y3953+60.8y3954+70.7y3955+80.6y3956+22.4y3957+28.3y3958+36.1y3959+44.7y3960+53.9y3961+63.2y3962+72.8y3963+82.5y3964+31.6y3965+36.1y3966+42.4y3967+50y3968+58.3y3969+67.1y3970+76.2y3971+78.1y3972+41.2y3973+44.7y3974+50y3975+66y3976+64y3977+72.1y3978+80.6y3979+94.3y3980+51y3981+53.9y3982+58.3y3983+64y3984+70.7y3985+78.1y3986+86y3987+94.3y3988+63.2y3989+67.1y3990+72.1y3991+78.1y3992+84.9y3993+70y4001+51y4002+53.9y4003+58.3y4004+41.2y4005+40y4006+41.2y4007+44.7y4008+50y4009+56.6y4010+64y4011+31.6y4012+30y4013+31.6y4014+36.1y4015+42.4y4016+50y4017+58.3y4018+67.1y4019+76.2y4020+22.4y4021+20y4022+22.4y4023+28.3y4024+24.7y4025+44.7y4026+53.9y4027+63.2y4028+72.8y4029+14.1y4030+10y4031+14.1y4032+22.4y4033+31.6y4034+41.2y4035+51y4036+60.8y4037+70.7y4038+10y4039+0y4040+10y4041+20y4042+30y4043+40y4044+50y4045+60y4046+70y4047+14.1y4048+10y4049+14.1y4050+22.4y4051+31.6y4052+24.1y4053+51y4054+60.8y4055+70.7y4056+20y4057+22.4y4058+28.3y4059+36.1y4060+44.7y4061+53.9y4062+63.2y4063+72.8y4064+30y4065+31.6y4066+36.1y4067+42.4y4068+50y4069+58.3y4070+67.1y4071+76.2y4072+40y4073+41.2y4074+44.7y4075+50y4076+56.6y4077+64y4078+72.1y4079+86y4080+50y4081+51y4082+53.9y4083+58.3y4084+64y4085+70.7y4086+78.1y4087+86y4088+60.8y4089+63.2y4090+67.1y4091+72.1y4092+78.1y4093+51y4101+50y4102+51y4103+53.9y4104+44.7y4105+41.2y4106+40y4107+41.2y4108+44.7y4109+50y4110+56.6y4111+36.1y4112+31.6y4113+30y4114+31.6y4115+36.1y4116+42.4y4117+50y4118+58.3y4119+67.1y4120+28.3y4121+22.4y4122+20y4123+22.4y4124+24.7y4125+36.1y4126+44.7y4127+53.9y4128+63.2y4129+22.4y4130+14.1y4131+10y4132+14.1y4133+22.4y4134+31.6y4135+41.2y4136+51y4137+60.8y4138+20y4139+10y4140+0y4141+10y4142+20y4143+30y4144+40y4145+50y4146+60y4147+22.4y4148+14.1y4149+10y4150+14.1y4151+22.4y4152+31.6y4153+41.2y4154+51y4155+60.8y4156

156+22.4y4157+20y4158+22.4y4159+28.3y4160+
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50y5281+44.7y5282+41.2y5283+40y5284+41.2y5285+44.7y5286+50y5287+56.6y5288+53.9y5289+51y5290+50y5291+51y5292+53.9y5293+
72.1y5301+67.1y5302+63.2y5303+60.8y5304+80.6y5305+64y5306+58.3y5307+3.9y5308+51y5309+50y5310+51y5311+64y5312+56.6y5313+50y5314+44.7y5315+41.2y5316+40y5317+41.2y5318+44.7y5319+50y5320+
58.3y5321+50y5322+42.4y5323+36.1y5324+31.6y5325+30y5326+31.6y5327+36.1y5328+42.4y5329+53.9y5330+44.7y5331+36.1y5332+28.3y5333+22.4y5334+20y5335+22.4y5336+28.3y5337+36.1y5338+51y5339+41.2y5340+
31.6y5341+22.4y5342+14.1y5343+10y5344+14.1y5345+42.4y5346+31.6y5347+50y5348+42.4y5349+30y5350+20y5351+10y5352+0y5353+10y5354+20y5355+30y5356+14.1y5357+31.6y5358+22.4y5359+14.1y5360+
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78.1y5401+72.1y5402+67.1y5403+63.2y5404+78.1y5405+70.7y5406+64y5407+58.3y5408+53.9y5409+51y5410+50y5411+72.1y5412+64y5413+56.6y5414+50y5415+44.7y5416+41.2y5417+40y5418+41.2y5419+44.7y5420+
67.1y5421+58.3y5422+50y5423+42.4y5424+36.1y5425+31.6y5426+30y5427+31.6y5428+36.1y5429+63.2y5430+53.9y5431+44.7y5432+36.1y5433+28.3y5434+22.4y5435+20y5436+22.4y5437+28.3y5438+60.8y5439+51y5440+
41.2y5441+31.6y5442+22.4y5443+14.1y5444+10y5445+14.1y5446+22.4y5447+60y5448+50y5449+40y5450+30y5451+20y5452+10y5453+0y5454+10y5455+20y5456+51y5457+41.2y5458+31.6y5459+22.4y5460+
14.1y5461+10y5462+14.1y5463+22.4y5464+53.9y5465+44.7y5466+36.1y5467+28.3y5468+22.4y5469+40y5470+22.4y5471+28.3y5472+58.3y5473+50y5474+42.4y5475+36.1y5476+31.6y5477+30y5478+31.6y5479+44.7y5480+
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84.9y5501+78.1y5502+72.1y5503+67.1y5504+86y5505+70.7y5506+64y5507+64y5508+58.3y5509+53.9y5510+51y5511+80.6y5512+72.1y5513+44.7y5514+56.6y5515+50y5516+44.7y5517+41.2y5518+40y5519+41.2y5520+
76.2y5521+67.1y5522+58.3y5523+50y5524+42.4y5525+36.1y5526+31.6y5527+30

y5528+31.6y5529+72.8y5530+63.2y5531+53.9y5532+44.7y5533+36.1y5534+28.3y5535+22.4y5536+20y5537+22.4y5538+70.7y5539+60.8y5540+51y5541+41.2y5542+31.6y5543+22.4y5544+14.1y5545+10y5546+14.1y5547+70y5548+60y5549+50y5550+40y5551+30y5552+20y5553+10y5554+0y5555+10y5556+60.8y5557+51y5558+41.2y5559+31.6y5560+22.4y5561+14.1y5562+10y5563+14.1y5564+63.2y5565+53.9y5566+44.7y5567+36.1y5568+28.3y5569+22.4y5570+20y5571+22.4y5572+67.1y5573+58.3y5574+50y5575+42.4y5576+36.1y5577+31.6y5578+30y5579+41.2y5580+72.1y5581+64y5582+56.6y5583+50y5584+44.7y5585+41.2y5586+40y5587+41.2y5588+70.7y5589+64y5590+58.3y5591+53.9y5592+51y5593+92.2y5601+84.9y5602+78.1y5603+72.1y5604+94.3y5605+86y5606+78.1y5607+70.7y5608+64y5609+58.3y5610+53.9y5611+81.4y5612+80.6y5613+72.1y5614+64y5615+56.6y5616+50y5617+44.7y5618+41.2y5619+40y5620+85.4y5621+72.1y5622+67.1y5623+58.3y5624+50y5625+42.4y5626+36.1y5627+31.6y5628+30y5629+82.5y5630+72.8y5631+63.2y5632+53.9y5633+44.7y5634+36.1y5635+28.3y5636+22.4y5637+20y5638+80.6y5639+70.7y5640+60.8y5641+51y5642+41.2y5643+31.6y5644+22.4y5645+14.1y5646+10y5647+80y5648+70y5649+60y5650+50y5651+40y5652+30y5653+20y5654+10y5655+0y5656+60.7y5657+60.8y5658+51y5659+41.2y5660+31.6y5661+22.4y5662+14.1y5663+10y5664+53.9y5665+44.7y5666+36.1y5667+22.4y5668+36.1y5669+28.3y5670+22.4y5671+20y5672+76.2y5673+67.1y5674+58.3y5675+50y5676+42.4y5677+36.1y5678+31.6y5679+40y5680+80.6y5681+72.1y5682+64y5683+56.6y5684+50y5685+44.7y5686+41.2y5687+40y5688+70.7y5689+70.7y5690+64y5691+53.9y5692+53.9y5693+70y5701+70.7y5702+72.8y5703+76.2y5704+80.7y5705+60y5706+60.8y5707+63.2y5708+67.1y5709+72.1y5710+78.1y5711+51y5712+50y5713+51y5714+53.9y5715+58.3y5716+64y5717+70.7y5718+78.1y5719+86y5720+41.2y5721+40y5722+41.2y5723+44.7y5724+50y5725+56.6y5726+64y5727+72.1y5728+80.6y5729+31.6y5730+30y5731+31.6y5732+36.1y5733+42.4y5734+50y5735+58.3y5736+67.1y5737+76.2y5738+22.4y5739+20y5740+22.4y5741+28.3y5742+36.1y5743+44.7y5744+53.9y5745+63.2y5746+72.8y5747+14.1y5748+10y5749+14.1y5750+22.4y5751+31.6y5752+41.2y5753+51y5754+60.8y5755+70.7y5756+0y5757+10y5758+20y5759+30y5760+40y5761+50y5762+60y5763+70y5764+10y5765+14.1y5766+22.4y5767+31.6y5768+84.1y5769+51y5770+60.8y5771+70.7y5772+20y5773+22.4y5774+28.3y5775+36.1y5776+44.7y5777+53.9y5778+63.2y5779+76.2y5780+30y5781+31.6y5782+36.1y5783+42.4y5784+50y5785+58.3y5786+67.1y5787+76.2y5788+41.2y5789+44.7y5790+50y5791+56.6y5792+44y5793+70.7y5801+70y5802+70.7y5803+72.8y5804+63.2y5805+60.8y5806+50y5807+60.8y5808+23y5809+67.1y5810+72.1y5811+53.9y5812+51y5813+50y5814+51y5815+53.9y5816+58.3y5817+64y5818+70.7y5819+78.1y5820+44.7y5821+41.2y5822+40y5823+41.2y5824+44.7y5825+50y5826+56.6y5827+64y5828+72.1y5829+36.1y5830+31.6y5831+30y5832+31.6y5833+36.1y5834+42.4y5835+50y5836+58.3y5837+67.1y5838+28.3y5839+22.4y5840+20y5841+22.4y5842+28.3y5843+36.1y5844+44.7y5845+53.9y5846+63.2y5847+22.4y5848+14.1y5849+10y5850+14.1y5851+22.4y5852+31.6y5853+41.2y5854+51y5855+60.8y5856+10y5857+0y5858+10y5859+20y5860+30y5861+40y5862+50y5863+60y5864+14.1y5865+10y5866+14.1y5867+22.4y5868

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89.4y6901+85.4y6902+82.5y6903+80.6y6904+86y6905+80.6y6906+76.2y6907+72.8y6908+70.7y6909+70y6910+70.7y6911+78.1y6912+72.1y6913+67.1y6914+63.2y6915+60.8y6916+60y6917+60.8y6918+63.2y6919+67.1y6920+70.7y6921+64y6922+58.3y6923+53.9y6924+51y6925+50y6926+51y6927+53.9y6928+58.3y6929+64y6930+56.6y6931+50y6932+44.7y6933+41.2y6934+40y6935+41.2y6936+44.7y6937+50y6938+58.3y6939+50y6940+42.4y6941+36.1y6942+31.6y6943+30y6944+31.6y6945+36.1y6946+42.4y6947+53.9y6948+44.7y6949+36.1y6950+28.3y6951+22.4y6952+20y6953+22.4y6954+28.3y6955+36.1y6956+41.2y6957+31.6y6958+22.4y6959+14.1y6960+10y6961+14.1y6962+22.4y6963+31.6y6964+40y6965+30y6966+20y6967+10y6968+8+0y6969+10y6970+20y6971+30y6972+41.2y6973+31.6y6974+42.4y6975+14.1y6976+10y6977+14.1y6978+22.4y6979+36.1y6980+44.7y6981+36.1y6982+28.3y6983+22.4y6984+20y6985+22.4y6986+28.3y6987+36.1y6988+42.4y6989+36.1y6990+31.6y6991+30y6992+31.6y6993+94.3y7001+89.4y7002+85.4y7003+82.5y7004+92.2y7005+86y7006+80.6y7007+6.2y7008+72.8y7009+70.7y7010+70y7011+84.9y7012+78.1y7013+72.1y7014+67.1y7015+63.2y7016+60.8y7017+60y7018+60.8y7019+63.2y7020+78.1y7021+70.7y7022+64y7023+58.3y7024+53.9y7025+51y7026+50y7027+51y7028+53.9y7029+72.1y7030+64y7031+56.6y7032+50y7033+44.7y7034+41.2y7035+40y7036+41.2y7037+44.7y7038+67.1y7039+58.3y7040+50y7041+42.4y7042+36.1y7043+31.6y7044+30y7045+31.6y7046+36.1y7047+63.2y7048+53.9y7049+44.7y7050+36.1y7051+28.3y7052+22.4y7053+20y7054+22.4y7055+28.3y7056+51y7057+41.2y7058+31.6y7059+22.4y7060+14.1y7061+10y7062+14.1y7063+22.4y7064+50y7065+40y7066+30y7067+20y7068+10y7069+40y7070+10y7071+20y7072+51y7073+41.2y7074+31.6y7075+22.4y7076+14.1y7077+10y7078+14.1y7079+28.3y7080+53.9y7081+44.7y7082+36.1y7083+28.3y7084+22.4y7085+20y7086+22.4y7087+28.3y7088+50y7089+42.4y7090+36.1y7091+31.6y7092+30y7093+100y7101+94.3y7102+89.4y7103+85.4y7104+99y7105+92.2y7106+86y7107+80.6y7108+76.2y7109+72.8y7110+70.7y7111+92.2y7112+84.9y7113+78.1y7114+72.1y7115+67.1y7116+63.2y7117+60.8y7118+60y7119+60.8y7120+86y7121+78.1y7122+70.7y7123+64y7124+58.3y7125+53.9y7126+51y7127+50y7128+51y7129+80.6y7130+72.1y7131+64y7132+56.6y7133+50y7134+44.7y7135+41.2y7136+40y7137+41.2y7138+76.2y7139+67.1y7140+58.3y7141+50y7142+42.4y7143+36.1y7144+31.6y7145+30y7146+31.6y7147+72.8y7148+63.2y7149+53.9y7150+44.7y7151+36.1y7152+28.3y7153+22.4y7154+20y7155+22.4y7156+60.8y7157+51y7158+41.2y7159+31.6y7160+22.4y7161+14.1y7162+10y7163+14.1y7164+60y7165+50y7166+40y7167+30y7168+20y7169+10y7170+0y7171+10y7172+60.8y7173+51y7174+41.2y7175+31.6y7176+22.4y7177+14.1y7178+10y7179+22.4y7180+63.2y7181+53.9y7182+44.7y7183+36.1y7184+28.3y7185+22.4y7186+20y7187+2.4y7188+58.3y7189+50y7190+42.4y7191+136.1y7192+31.6y7193+30y7201+100y7202+94.3y7203+89.4y7204+106.3y7205+99y7206+92.2y7207+86y7208+80.6y7209+76.2y7210+72.8y7211+100y7212+92.2y7213+84.9y7214+78.1y7215+72.1y7216+67.1y7217+63.2y7218+60.8y7219+60y7220+94.3y7221+86y7222+78.1y7223+70.7y7224+64y7225+58.3y7226+53.9y7227+51y7228+50y7229+89.4y7230+80.6y7231+72.1y7232+64y7233+56.6y7234+50y7235+44.7y7236+41.2y7237+40y7238+85.4y7239+76.2y7240+67.1y7241+58.3y7242+50y7243+42.4y7244+36.1y7245+31.6y7246+30y7247+82.5y7248+72.8y7249+63.2y7250+53.9y7251+44.7y7252+36.1y7253+28.3y7254+22.4y7255+20y7256+70.7y7257+60.8y7258+51y7259+41.2y7260+31.6y7261+22.4y7262+14.1y7263+10y7264+70y7265+60y7266+50y7267+40y7268+8+30y7269+20y7270+10y7271+40y7272+70.7y7273+60.8y7274+51y7275+41.2y7276+31.6y7277+22.4y7278+14.1y7279+20y7280+72.8y7281+63.2y7282+53.9y7283+44.7y7284+36.1y7285+28.3y7286+22.4y7287+20y7288+67.1y7289+58.3y7290+50y7291+42.4y7292+36.1y7293+90y7301+90.6y7302+92.2y7303+94.9y7304+80.6y7305+80y7306+80y7307+82.5y7308+85.4y7309+89.4y7310+94.3y7311+70.7y7312+70y7313+70.7y7314+72.8y7315+76.2y7316+80.6y7317+86y7318+92.2y7319+99y7320+60.8y7321+60y7322+60.8y7323+63.2y7324+67.1y7325+72.1y7326+78.1y7327+84.9y7328+92.2y7329+51y7330+50y7331+51y7332+53.9y7333+58.3y7334+64y7335+70.7y7336+78.1y7337+86y7338+41.2y7339+40y7340+41.2y7341+44.7y7342+50y7343+56.6y7344+64y7345+72.1y7346+80.6y7347+31.6y7348+30y7349+31.6y7350+36.1y7351+42.4y7352+50y7353+58.3y7354+67.1y7355+76.2y7356+20y7357+22.4y7358+28.3y7359+36.1y7360+44.7y7361+53.9y7362+63.2y7363+72.8y7364+10y7365+14.1y7366+22.4y7367+31.6y7368+41.2y7369+51y7370+60.8y7371+70.7y7372+0y7373+10y7374+20y7375+30y7376+40y7377+50y7378+60y7379+70.7y7380+10y7381+14.1y7382+22.4y7383+31.6y7384+41.2y7385+51y7386+60.8y7387+70.7y7388+22.4y7389+28.3y7390+36.1y7391+44.7y7392+53.9y7393+90.6y7401+90y7402+90.6y7403+92.2y7404+82.5y7405+80.6y7406+80y7407+80.6y7408+82.5y7409+85.4y7410+89.4y7411+72.8y7412+70.7y7413+70y7414+70.7y7415+72.8y7416+76.2y7417+80.6y7418+86y7419+92.2y7420+63.2y7421+60.8y7422+60y7423+60.8y7424+63.2y7425+67.1y7426+72.1y7427+78.1y7428+84.9y7429+53.9y7430+51y7431+50y7432+51y7433+53.9y7434+58.3y7435+64y7436+70.7y7437+78.1y7438+44.7y7439+41.2y7440+40y7441+41.2y7442+44.7y7443+50y7444+56.6y7445+64y7446+72.1y7447+36.1y7448+31.6y7449+30y7450+31.6y7451+36.1y7452+42.4y7453+50y7454+58.3y7455+67.1y7456+22.4y7457+20y7458+22.4y7459+28.3y7460+36.1y7461+44.7y7462+53.9y7463+63.2y7464+14.1y7465+10y7466+14.1y7467+2.4y7468+31.6y7469+41.2y7470+51y7471+60.8y7472+10y7473+0y7474+10y7475+20y7476+30y7477+40y7478+50y7479+60.8y7480+14.1y7481+10y7482+14.1y7483+22.4y7484+31.6y7485+41.2y7486+51y7487+60.8y7488+20y7489+22.4y7490+28.3y7491+36.1y7492+44.7y7493+92.2y7501+90.6y7502+90y7503+90.6y7504+85.4y7505+82.5y7506+80.6y7507+80y7508+80.6y7509+82.5y7510+85.4y7511+76.2y7512+72.8y7513+70.7y7514+70y7515+70.7y7516+72.8y7517+76.2y7518+80.6y7519+86y7520+67.1y7521+63.2y7522+60.8y7523+60y7524+60.8y7525+63.2y7526+67.1y7527+72.1y7528+78.1y7529+58.3y7530+53.9y7531+51y7532+50y7533+51y7534+53.9y7535+58.3y7536+64y7537+70.7y7538+50y7539+44.7y7540+41.2y7541+40y7542+41.2y7543+44.7y7544+50y7545+56.6y7546+64y7547+42.4y7548+36.1y7549+31.6y7550+30y7551+36.1y7552+36.1y7553+42.4y7554+50y7555+58.3y7556+28.3y7557+22.4y7558+20y7559+22.4y7560+28.3y7561+36.1y7562+44.7y7563+53.9y7564+22.4y7565+14.1y7566+10y7567+14.1y7568+22.4y7569+31.6y7570+41.2y7571+51y7572+20y7573+10y7574+0y7575+10y7576+20y7577+30y7578+40y7579+51y7580+22.4y7581+14.1y7582+10y7583+14.1y7584+22.4y7585+31.6y7586+41.2y7587+51y7588+22.4y7589+20y7590+22.4y7591+28.3y7592+36.1y7593+94.9y7601+92.2y7602+90.6y7603+90y7604+89.4y7605+85.4y7606+82.5y7607+80.6y7608+80y7609+80.6y7610+82.5y7611+80.6y7612+76.2y7613+72.8y7614+70.7y7615+70y7616+70.7y7617+72.8y7618+76.2y7619+80.6y7620+72.1y7621+67.1y7622+63.2y7623+60.8y7624+60y7625+60.8y7626+63.2y7627+67.1y7628+72.1y7629+64y7630+58.3y7631+53.9y7632+51y7633+50y7634+51y7635+53.9y7636+58.3y7637+64y7638+56.6y7639+50y7640+70.7y7641+41.2y7642+40y7643+41.2y7644+44.7y7645+50y7646+56.6y7647+50y7648+42.4y7649+36.1y7650+31.6y7651+30y7652+31.6y7653+36.1y7654+42.4y7655+50y7656+36.1y7657+28.3y7658+22.4y7659+20y7660+22.4y7661+28.3y7662+36.1y7663+44.7y7664+31.6y7665+22.4y7666+14.1y7667+10y7668+14.1y7669+22.4y7670+31.6y7671+41.2y7672+30y7673+20y7674+10y7675+0y7676+10y7677+20y7678+30y7679+41.2y7680+31.6y7681+22.4y7682+14.1y7683+10y7684+14.1y7685+22.4y7686+31.6y7687+41.2y7688+28.3y7689+22.4y7690+20y7691+22.4y7692+28.3y7693+98.5y7701+94.9y7702+92.2y7703+90.6y7704+94.3y7705+89.4y7706+85.4y7707+82.5y7708+80.6y7709+80y7710+80.6y7711+86y7712+80.6y7713+76.2y7714+72.8y7715+70y7716+70y7717+70.7y7718+72.8y7719+76.2y7720+77.1y7721+72.1y7722+67.1y7723+63.2y7724+60.8y7725+60y7726+60.8y7727+63.2y7728+67.1y7729+70.7y7730+64y7731+58.3y7732+53.9y7733+51y7734+50y7735+51y7736+53.9y7737+58.3y7738+64y7739+56.6y7740+50y7741+44.7y7742+41.2y7743+40y7744+41.2y7745+44.7y7746+50y7747+58.3y7748+50y7749+42.4y7750+36.1y7751+36.1y7752+30y7753+31.6y7754+36.1y7755+5+42.4y7756+44.7y7757+36.1y7758+28.3y7759+22.4y7760+20y7761+22.4y7762+28.3y7763+36.1y7764+14.1y7765+31.6y7766+22.4y7767+14.1y7768+10y7769+14.1y7770+22.4y7771+31.6y7772+40y7773+30y7774+20y7775+10y7776+0y7777+10y7778+20y7779+31.6y7780+41.2y7781+31.6y7782+22.4y7783+14.1y7784+10y7785+14.1y7786+22.4y7787+31.6y7788+36.1y7789+28.3y7790+22.4y7791+20y7792+22.4y7793+103y7801+98.5y7802+94.9y7803+92.2y7804+100y7805+94.3y7806+89.4y7807+85.4y7808+82.5y7809+80.6y7810+80y7811+92.2y7812+86y7813+80.6y7814+76.2y7815+72.8y7816+70.7y7817+70y7818+70.7y7819+72.8y7820+84.9y7821+78.1y7822+72.1y7823+67.1y7824+63.2y7825+60.8y7826+60y7827+60.8y7828+63.2y7829+78.1y7830+70.7y7831+64y7832+58.3y7833+53.9y7834+51y7835+50y7836+51y7837+53.9y7838+72.1y7839+64y7840+56.6y7841+50y7842+44.7y7843+41.2y7844+40y7845+41.2y7846+44.7y7847+67.1y7848+58.3y7849+50y7850+42.4y7851+36.1y7852+31.6y7853+30y7854+31.6y7855+36.1y7856+53.9y7857+44.7y7858+36.1y7859+28.3y7860+22.4y7861+20y7862+22.4y7863+28.3y7864+51y7865+41.2y7866+31.6y7867+22.4y7868+14.1y7869+10y7870+14.1y7871+22.4y7872+50y7873+40y7874+30y7875+20y7876+10y7877+0y7878+10y7879+22.4y7880+51y7881+41.2y7882+31.6y7883+22.4y7884+14.1y7885+10y7886+14.1y7887+22.4y7888+44.7y7889+36.1y7890+28.3y7891+22.4y7892+20y7893+108.2y7901+103y7902+98.5y7903+94.9y7904+106.3y7905+100y7906+94.3y7907+89.4y7908+85.4y7909+82.5y7910+80.6y7911+99y7912+92.2y7913+86y7914+80.6y7915+76.2y7916+72.8y7917+70.7y7918+70.7y7919+70.7y7920+192.2y7921+84.9y7922+78.1y7923+72.1y7924+67.1y7925+63.2y7926+60.8y7927+60y7928+60.8y7929+86y7930+78.1y7931+70.7y7932+64y7933+58.3y7934+53.9y7935+51y7936+50y7937+51y7938+80.6y7939+72.1y7940+64y7941+56.6y7942+50y7943+44.7y7944+41.2y7945+40y7946+41.2y7947+76.2y7948+67.1y7949+58.3y7950+50y7951+42.4y7952+36.1y7953+31.6y7954+30y7955+31.6y7956+63.2y7957+53.9y7958+44.7y7959+36.1y7960+28.3y7961+22.4y7962+20y7963+22.4y7964+60y7965+51y7966+41.2y7967+31.6y7968+22.4y7969+14.1y7970+10y7971+14.1y7972+60y7973+50y7974+40y7975+30y7976+20y7977+10y7978+0y7979+14.1y7980+60.8y7981+51y7982+14.1y7983+31.6y7984+22.4y7985+14.1y7986+10y7987+14.1y7988+53.9y7989+44.7y7990+36.1y7991+28.3y7992+22.4y7993+122.1y8001+116.6y8002+111.8y8003+107.7y8004+120.4y8005+114y8006+108.2y8007+103y8008+98.5y8009+94.9y8010+92.2y8011+113.1y8012+106.3y8013+100y8014+94.3y8015+89.4y8016+85.4y8017+82.5y8018+80.6y8019+80y8020+106.3y8021+99y8022+92.2y8023+86y8024+80.6y8025+76.2y8026+72.8y8027+70.7y8028+70y8029+100y8030+92.2y8031+84.9y8032+78.1y8033+72.1y8034+67.1y8035+63.2y8036+60.8y8037+60y8038+94.3y8039+86y8040+78.1y8041+70.7y8042+64y8043+58.3y8044+53.9y8045+51y8046+50y8047+89.4y8048+80.6y8049+72.1y8050+64y8051+56.6y8052+50y8053+44.7y8054+41.2y8055+40y8056+76.2y8057+67.1y8058+58.3y8059+50y8060+42.4y8061+36.1y8062+31.6y8063+30y8064+72.8y8065+63.2y8066+53.9y8067+44.7y8068+36.1y8069+28.3y8070+22.4y8071+20y8072+70.7y8073+60.8y8074+51y8075+41.2y8076+31.6y8077+22.4y8078+14.1y8079+0y8080+70y8081+60y8082+50y8083+40y8084+30y8085+20y8086+10y8087+0y8088+60.8y8089+51y8090+41.2y8091+31.6y8092+22.4y8093+100y8101+100.5y8102+102y8103+104.4y8104+90.6y8105+90y8106+90.6y8107+92.2y8108+94.9y8109+98.5y8110+103y8111+80.6y8112+80y8113+80.6y8114+82.5y8115+85.4y8116+89.4y8117+94.3y8118+100y8119+106.3y8120+70.7y8121+70y8122+70.7y8123+72.8y8124+76.2y8125+80.6y8126+86y8127+92.2y8128+99y8129+60.8y8130+60y8131+60.8y8132+63.2y8133+67.1y8134+72.1y8135+78.1y8136+84.9y8137+92.2y8138+51y8139+50y8140+51y8141+53.9y8142+58.3y8143+64y8144+70.7y8145+78.1y8146+86y8147+41.2y8148+40y8149+41.2y8150+44.7y8151+50y8152+56.6y8153+64y8154+72.1y8155+60.8y8156+30y8157+31.6y8158+36.1y8159+42.4y8160+50y8161+58.3y8162+67.1y8163+76.2y8164+20y8165+22.4y8166+28.3y8167+36.1y8168+44.7y8169+53.9y8170+63.2y8171+72.8y8172+10y8173+14.1y8174+22.4y8175+31.6y8176+41.2y8177+51y8178+60.8y8179+70y8180+0y8181+10y8182+20y8183+30y8184+40y8185+50y8186+60y8187+70y8188+14.1y8189+22.4y8190+31.6y8191+41.2y8192+51y8193+100.5y8201+100y8202+100.5y8203+102y8204+92.2y8205+90.6y8206+90y8207+90.6y8208+92.2y8209+94.9y8210+98.5y8211+82.5y8212+80.6y8213+80y8214+80.6y8215+82.5y8216+85.4y8217+89.4y8218+94.3y8219+100y8220+72.8y8221+70.7y8222+70y8223+70.7y8224+72.1y8225+76.2y8226+80.6y8227+86y8228+92.2y8229+63.2y8230+60.8y8231+60y8232+60.8y8233+63.2y8234+67.1y8235+72.1y8236+78.1y8237+84.9y8238+3.9y8239+51y8240+50y8241+51y8242+53.9y8243+58.3y8244+64y8245+70.7y8246+14.1y8247+44.7y8248+41.2y8249+40y8250+41.2y8251+44.7y8252+50y8253+56.6y8254+64y8255+72.1y8256+31.6y8257+30y8258+31.6y8259+36.1y8260+42.4y8261+50y8262+58.3y8263+67.1y8264+22.4y8265+20y8266+22.4y8267+28.3

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.4y8839+86y8840+78.1y8841+70.7y8842+64y8843+58.3y8844+53.9y8845+51y8846+50y8847+89.4y8848+80.6y8849+72.1y8850+64y8851+56.6y8852+50y8853+44.7y8854+41.2y8855+40y8856+76.2y8857+67.1y8858+58.3y8859+50y8860+42.4y8861+31.6y8862+31.6y8863+30y8864+72.8y8865+63.2y8866+53.9y8867+44.7y8868+36.1y8869+28.3y8870+22.4y8871+20y8872+70.7y8873+60.8y8874+51y8875+41.2y8876+31.6y8877+22.4y8878+14.1y8879+0y8880+70y8881+60y8882+50y8883+40y8884+30y8885+20y8886+10y8887+0y8888+60.8y8889+51y8890+41.2y8891+31.6y8892+22.4y8893+110.5y8901+110y8902+110.5y8903+111.8y8904+102y8905+100.5y8906+100y8907+100y8908+100y8909+104.4y8910+107.7y8911+92.2y8912+90.6y8913+90y8914+90.6y8915+92.2y8916+94.9y8917+98.5y8918+103y8919+108.2y8920+82.5y8921+80.6y8922+80y8923+80.6y8924+82.5y8925+85.4y8926+89.4y8927+94.3y8928+100y8929+72.8y8930+70.7y8931+70y8932+70.7y8933+72.8y8934+76.2y8935+80.6y8936+86y8937+92.2y8938+63.2y8939+60.8y8940+60y8941+60.8y8942+63.2y8943+67.1y8944+72.1y8945+78.1y8946+84.9y8947+53.9y8948+51y8949+50y8950+51y8951+53.9y8952+58.3y8953+80.6y8954+70.7y8955+78.1y8956+41.2y8957+40y8958+41.2y8959+44.7y8960+50y8961+56.6y8962+64y8963+72.1y8964+31.6y8965+30y8966+31.6y8967+36.1y8968+42.4y8969+50y8970+58.3y8971+67.1y8972+22.4y8973+20y8974+22.4y8975+28.3y8976+36.1y8977+44.7y8978+53.9y8979+60.8y8980+14.1y8981+10y8982+14.1y8983+22.4y8984+31.6y8985+41.2y8986+51y8987+60.8y8988+0y8989+10y8990+20y8991+30y8992+40y8993+111.8y9001+110.5y9002+110y9003+110.5y9004+104.4y9005+102y9006+100.5y9007+100y9008+100.5y9009+102y9010+107.7y9011+94.9y9012+92.2y9013+90.6y9014+90y9015+90.6y9016+92.2y9017+94.9y9018+98.5y9019+103y9020+85.4y9021+82.5y9022+80.6y9023+80y9024+80.6y9025+82.5y9026+85.4y9027+89.4y9028+94.3y9029+76.2y9030+72.8y9031+70.7y9032+70y9033+70.7y9034+72.8y9035+76.2y9036+80.6y9037+86y9038+67.1y9039+63.2y9040+60.8y9041+60y9042+60.8y9043+63.2y9044+67.1y9045+72.1y9046+78.1y9047+58.3y9048+53.9y9049+51y9050+50y9051+51y9052+53.9y9053+58.3y9054+64y9055+57.7y9056+64.7y9057+22.4y9058+10y9059+41.2y9060+74y9061+50y9062+56.6y9063+64y9064+36.1y9065+30y9066+30y9067+31.6y9068+36.1y9069+42.4y9070+50y9071+58.3y9072+28.3y9073+22.4y9074+20y9075+22.4y9076+28.3y9077+36.1y9078+44.7y9079+51y9080+22.4y9081+14.1y9082+10y9083+14.1y9084+22.4y9085+31.6y9086+41.2y9087+51y9088+10y9089+0y9090+10y9091+20y9092+30y9093+114y9101+111.8y9102+110.5y9103+110y9104+107.7y9105+104.4y9106+102y9107+100.5y9108+100y9109+100.5y9110+102y9111+98.5y9112+94.9y9113+92.2y9114+90.6y9115+90y9116+90.6y9117+92.2y9118+94.9y9119+98.5y9120+89.4y9121+85.4y9122+82.5y9123+80.6y9124+80y9125+80.6y9126+82.5y9127+85.4y9128+89.4y9129+80.6y9130+76.2y9131+72.8y9132+70.7y9133+70y9134+70.7y9135+72.8y9136+76.2y9137+80.6y9138+72.1y9139+67.1y9140+63.2y9141+60.8y9142+60y9143+60.8y9144+63.2y9145+67.1y9146+72.1y9147+64y9148+58.3y9149+53.9y9150+51y9151+50y9152+51y9153+53.9y9154+58.3y9155+64y9156+50y9157+44.7y9158+41.2y9159+40y9160+41.2y9161+44.7y9162+50y9163+56.6y9164+42.4y9165+36.1y9166+31.6y9167+30y9168+31.6y9169+36.1y9170+42.4y9171+50y9172+36.1y9173+28.3y9174+22.4y9175+20y9176+22.4y9177+28.3y9178+36.1y9179+41.2y9180+31.6y9181+22.4y9182+14.1y9183+10y9184+14.1y9185+22.4y9186+31.6y9187+41.2y9188+20y9189+10y9190+0y9191+10y9192+20y9193+117y9201+114y9202+111.8y9203+110.5y9204+111.8y9205+107.7y9206+104.4y9207+102y9208+100.5y9209+100y9210+100.5y9211+103y9212+98.5y9213+94.9y9214+92.2y9215+90.6y9216+90y9217+90.6y9218+92.2y9219+94.9y9220+94.3y9221+89.4y9222+85.4y9223+82.5y9224+80.6y9225+80y9226+80.6y9227+82.5y9228+85.4y9229+86y9230+80.6y9231+17+6.2y9232+14.1y9233+70.7y9234+70y9235+70.7y9236+72.8y9237+76.2y9238+78.1y9239+72.1y9240+67.1y9241+63.2y9242+60.8y9243+60y9244+60.8y9245+63.2y9246+67.1y9247+70.7y9248+64y9249+58.3y9250+53.9y9251+51y9252+50y9253+51y9254+53.9y9255+58.3y9256+56.6y9257+50y9258+44.7y9259+41.2y9260+40y9261+41.2y9262+44.7y9263+50y9264+45y9265+42.4y9266+36.1y9267+31.6y9268+30y9269+31.6y9270+36.1y9271+42.4y9272+44.7y9273+36.1y9274+28.3y9275+22.4y9276+20y9277+22.4y9278+28.3y9279+31.6y9280+41.2y9281+31.6y9282+22.4y9283+14.1y9284+10y9285+14.1y9286+22.4y9287+31.6y9288+30y9289+20y9290+10y9291+0y9292+10y9293+120.8y9301+117y9302+114y9303+111.8y9304+116.6y9305+111.8y9306+107.7y9307+104.4y9308+102y9309+100.5y9310+100y9311+108.2y9312+103y9313+98.5y9314+94.9y9315+92.2y9316+90.6y9317+90y9318+90.6y9319+92.2y9320+100y9321+94.3y9322+89.4y9323+85.4y9324+82.5y9325+80.6y9326+80y9327+80.6y9328+82.5y9329+92.2y9330+86y9331+80.6y9332+76.2y9333+72.8y9334+70.7y9335+70y9336+70.7y9337+72.8y9338+84.9y9339+78.1y9340+72.1y9341+67.1y9342+63.2y9343+60.8y9344+60y9345+60.8y9346+63.2y9347+81.6y9348+70.7y9349+64y9350+58.3y9351+53.9y9352+51y9353+50y9354+51y9355+53.9y9356+64y9357+56.6y9358+50y9359+44.7y9360+41.2y9361+40y9362+41.2y9363+44.7y9364+58.3y9365+50y9366+42.4y9367+36.1y9368+31.6y9369+30y9370+31.6y9371+36.1y9372+53.9y9373+44.7y9374+36.1y9375+28.3y9376+22.4y9377+20y9378+22.4y9379+22.4y9380+51y9381+41.2y9382+31.6y9383+22.4y9384+14.1y9385+10y9386+14.1y9387+22.4y9388+40y9389+30y9390+20y9391+10y9392+0y9393

subject to
y0101-x01<0 y1601-x16<0 y3101-x31<0 y4601-x46<0 y6101-x61<0 y7601-x76<0 y9101-x91<0 y1202-x12<0 y2702-x27<0 y4202-x42<0 y5702-x57<0
y0201-x02<0 y1701-x17<0 y3201-x32<0 y4701-x47<0 y6201-x62<0 y7701-x77<0 y9201-x92<0 y1302-x13<0 y2802-x28<0 y4302-x43<0 y5802-x58<0
y0301-x03<0 y1801-x18<0 y3301-x33<0 y4801-x48<0 y6301-x63<0 y7801-x78<0 y9301-x93<0 y1402-x14<0 y2902-x29<0 y4402-x44<0 y5902-x59<0
y0401-x04<0 y1901-x19<0 y3401-x34<0 y4901-x49<0 y6401-x64<0 y7901-x79<0 y9401-x94<0 y1502-x15<0 y3002-x30<0 y4502-x45<0 y6002-x60<0
y0501-x05<0 y2001-x20<0 y3501-x35<0 y5001-x50<0 y6501-x65<0 y8001-x80<0 y0102-x01<0 y1602-x16<0 y3102-x31<0 y4602-x46<0 y6102-x61<0
y0601-x06<0 y2101-x21<0 y3601-x36<0 y5101-x51<0 y6601-x66<0 y8101-x81<0 y0202-x02<0 y1702-x17<0 y3202-x32<0 y4702-x47<0 y6202-x62<0
y0701-x07<0 y2201-x22<0 y3701-x37<0 y5201-x52<0 y6701-x67<0 y8201-x82<0 y0302-x03<0 y1802-x18<0 y3302-x33<0 y4802-x48<0 y6302-x63<0
y0801-x08<0 y2301-x23<0 y3801-x38<0 y5301-x53<0 y6801-x68<0 y8301-x83<0 y0402-x04<0 y1902-x19<0 y3402-x34<0 y4902-x49<0 y6402-x64<0
y0901-x09<0 y2401-x24<0 y3901-x39<0 y5401-x54<0 y6901-x69<0 y8401-x84<0 y0502-x05<0 y2002-x20<0 y3502-x35<0 y5002-x50<0 y6502-x65<0
y1001-x10<0 y2501-x25<0 y4001-x40<0 y5501-x55<0 y7001-x70<0 y8501-x85<0 y0602-x06<0 y2102-x21<0 y3602-x36<0 y5102-x51<0 y6602-x66<0
y1101-x11<0 y2601-x26<0 y4101-x41<0 y5601-x56<0 y7101-x71<0 y8601-x86<0 y0702-x07<0 y2202-x22<0 y3702-x37<0 y5202-x52<0 y6702-x67<0
y1201-x12<0 y2701-x27<0 y4201-x42<0 y5701-x57<0 y7201-x72<0 y8701-x87<0 y0802-x08<0 y2302-x23<0 y3802-x38<0 y5302-x53<0 y6802-x68<0
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x01+x02+x03+x04+x05+x06+x07+x08+x09+x10+x11+x12+x13+x14+x15+x16+x17+x18+x19+x20+x21+x22+x23+x24+x25+x26+x27+x28+x29+x30+x31+x32+x33+x34+x35+x36+x37+x38+x39+x40+x41+x42+x43+x44+x45+x46+x47+x48+x49+x50+x51+x52+x53+x54+x55+x56+x57+x58+x59+x60+x61+x62+x63+x64+x65+x66+x67+x68+x69+x70+x71+x72+x73+x74+x75+x76+x77+x78+x79+x80+x81+x82+x83+x84+x85+x86+x87+x88+x89+x90+x91+x92+x93=4

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bounds

generals

binarie

x01 x02 x03 x04 x05 x06 x07 x08 x09 x10 x11 x12 x13 x14 x15 x16 x17 x18 x19 x20 x21 x22 x23 x24 x25 x26 x27 x28 x29 x30 x31 x32 x33 x34 x35 x36 x37 x38 x39 x40 x41
x42 x43 x44 x45 x46 x47 x48 x49 x50 x51 x52 x53 x54 x55 x56 x57 x58 x59 x60 x61 x62 x63 x64 x65 x66 x67 x68 x69 x70 x71 x72 x73 x74 x75 x76 x77 x78 x79 x80 x81 x82
x83 x84 x85 x86 x87 x88 x89 x90 x91 x92 x93

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y0115	y0116	y0301	y0302	y0481	y0482	y0667	y0668	y0853	y0854	y1039	y1040	y1225	y1226	y1411	y1412	y1591	y1592	y1777	y1778
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y0151	y0152	y0337	y0338	y0523	y0524	y0709	y0710	y0889	y0890	y1075	y1076	y1261	y1262	y1447	y1448	y1633	y1634	y1819	y1820
y0153	y0154	y0339	y0340	y0525	y0526	y0711	y0712	y0891	y0892	y1077	y1078	y1263	y1264	y1449	y1450	y1635	y1636	y1821	y1822
y0155	y0156	y0341	y0342	y0527	y0528	y0713	y0714	y0893		y1079	y1080	y1265	y1266	y1451	y1452	y1637	y1638	y1823	y1824
y0157	y0158	y0343	y0344	y0529	y0530	y0715	y0716	y0901	y0902	y1081	y1082	y1267	y1268	y1453	y1454	y1639	y1640	y1825	y1826
y0159	y0160	y0345	y0346	y0531	y0532	y0717	y0718	y0903	y0904	y1083	y1084	y1269	y1270	y1455	y1456	y1641	y1642	y1827	y1828
y0161	y0162	y0347	y0348	y0533	y0534	y0719	y0720	y0905	y0906	y1085	y1086	y1271	y1272	y1457	y1458	y1643	y1644	y1829	y1830
y0163	y0164	y0349	y0350	y0535	y0536	y0721	y0722	y0907	y0908	y1087	y1088	y1273	y1274	y1459	y1460	y1645	y1646	y1831	y1832
y0165	y0166	y0351	y0352	y0537	y0538	y0723	y0724	y0909	y0910	y1089	y1090	y1275	y1276	y1461	y1462	y1647	y1648	y1833	y1834
y0167	y0168	y0353	y0354	y0539	y0540	y0725	y0726	y0911	y0912	y1091	y1092	y1277	y1278	y1463	y1464	y1649	y1650	y1835	y1836
y0169	y0170	y0355	y0356	y0541	y0542	y0727	y0728	y0913	y0914	y1093		y1279	y1280	y1465	y1466	y1651	y1652	y1837	y1838
y0171	y0172	y0357	y0358	y0543	y0544	y0729	y0730	y0915	y0916	y1101	y1102	y1281	y1282	y1467	y1468	y1653	y1654	y1839	y1840
y0173	y0174	y0359	y0360	y0545	y0546	y0731	y0732	y0917	y0918	y1103	y1104	y1283	y1284	y1469	y1470	y1655	y1656	y1841	y1842
y0175	y0176	y0361	y0362	y0547	y0548	y0733	y0734	y0919	y0920	y1105	y1106	y1285	y1286	y1471	y1472	y1657	y1658	y1843	y1844
y0177	y0178	y0363	y0364	y0549	y0550	y0735	y0736	y0921	y0922	y1107	y1108	y1287	y1288	y1473	y1474	y1659	y1660	y1845	y1846
y0179	y0180	y0365	y0366	y0551	y0552	y0737	y0738	y0923	y0924	y1109	y1110	y1289	y1290	y1475	y1476	y1661	y1662	y1847	y1848
y0181	y0182	y0367	y0368	y0553	y0554	y0739	y0740	y0925	y0926	y1111	y1112	y1291	y1292	y1477	y1478	y1663	y1664	y1849	y1850
y0183	y0184	y0369	y0370	y0555	y0556	y0741	y0742	y0927	y0928	y1113	y1114	y1293		y1479	y1480	y1665	y1666	y1851	y1852
y0185	y0186	y0371	y0372	y0557	y0558	y0743	y0744	y0929	y0930	y1115	y1116	y1301	y1302	y1481	y1482	y1667	y1668	y1853	y1854
y0187	y0188	y0373	y0374	y0559	y0560	y0745	y0746	y0931	y0932	y1117	y1118	y1303	y1304	y1483	y1484	y1669	y1670	y1855	y1856
y0189	y0190	y0375	y0376	y0561	y0562	y0747	y0748	y0933	y0934	y1119	y1120	y1305	y1306	y1485	y1486	y1671	y1672	y1857	y1858
y0191	y0192	y0377	y0378	y0563	y0564	y0749	y0750	y0935	y0936	y1121	y1122	y1307	y1308	y1487	y1488	y1673	y1674	y1859	y1860
y0193		y0379	y0380	y0565	y0566	y0751	y0752	y0937	y0938	y1123	y1124	y1309	y1310	y1489	y1490	y1675	y1676	y1861	y1862
y0201	y0202	y0381	y0382	y0567	y0568	y0753	y0754	y0939	y0940	y1125	y1126	y1311	y1312	y1491	y1492	y1677	y1678	y1863	y1864
y0203	y0204	y0383	y0384	y0569	y0570	y0755	y0756	y0941	y0942	y1127	y1128	y1313	y1314	y1493		y1679	y1680	y1865	y1866
y0205	y0206	y0385	y0386	y0571	y0572	y0757	y0758	y0943	y0944	y1129	y1130	y1315	y1316	y1501	y1502	y1681	y1682	y1867	y1868
y0207	y0208	y0387	y0388	y0573	y0574	y0759	y0760	y0945	y0946	y1131	y1132	y1317	y1318	y1503	y1504	y1683	y1684	y1869	y1870
y0209	y0210	y0389	y0390	y0575	y0576	y0761	y0762	y0947	y0948	y1133	y1134	y1319	y1320	y1505	y1506	y1685	y1686	y1871	y1872
y0211	y0212	y0391	y0392	y0577	y0578	y0763	y0764	y0949	y0950	y1135	y1136	y1321	y1322	y1507	y1508	y1687	y1688	y1873	y1874
y0213	y0214	y0393		y0579	y0580	y0765	y0766	y0951	y0952	y1137	y1138	y1323	y1324	y1509	y1510	y1689	y1690	y1875	y1876
y0215	y0216	y0401	y0402	y0581	y0582	y0767	y0768	y0953	y0954	y1139	y1140	y1325	y1326	y1511	y1512	y1691	y1692	y1877	y1878
y0217	y0218	y0403	y0404	y0583	y0584	y0769	y0770	y0955	y0956	y1141	y1142	y1327	y1328	y1513	y1514	y1693		y1879	y1880
y0219	y0220	y0405	y0406	y0585	y0586	y0771	y0772	y0957	y0958	y1143	y1144	y1329	y1330	y1515	y1516	y1701	y1702	y1881	y1882
y0221	y0222	y0407	y0408	y0587	y0588	y0773	y0774	y0959	y0960	y1145	y1146	y1331	y1332	y1517	y1518	y1703	y1704	y1883	y1884
y0223	y0224	y0409	y0410	y0589	y0590	y0775	y0776	y0961	y0962	y1147	y1148	y1333	y1334	y1519	y1520	y1705	y1706	y1885	y1886
y0225	y0226	y0411	y0412	y0591	y0592	y0777	y0778	y0963	y0964	y1149	y1150	y1335	y1336	y1521	y1522	y1707	y1708	y1887	y1888
y0227	y0228	y0413	y0414	y0593		y0779	y0780	y0965	y0966	y1151	y1152	y1337	y1338	y1523	y1524	y1709	y1710	y1889	y1890
y0229	y0230	y0415	y0416	y0601	y0602	y0781	y0782	y0967	y0968	y1153	y1154	y1339	y1340	y1525	y1526	y1711	y1712	y1891	y1892
y0231	y0232	y0417	y0418	y0603	y0604	y0783	y0784	y0969	y0970	y1155	y1156	y1341	y1342	y1527	y1528	y1713	y1714	y1893	
y0233	y0234	y0419	y0420	y0605	y0606	y0785	y0786	y0971	y0972	y1157	y1158	y1343	y1344	y1529	y1530	y1715	y1716	y1901	y1902
y0235	y																		

付録4 CPLEX 結果 AED ケース1 総移動距離最小化(01.lp)

Problem '01.lp' read.	y1414	1.000000	y7870	1.000000
Read time = 0.02 sec.	y1415	1.000000	y7871	1.000000
Tried aggregator 1 time.	y1416	1.000000	y7872	1.000000
Probing time = 0.02 sec.	y1421	1.000000	y7876	1.000000
Tried aggregator 1 time.	y1422	1.000000	y7877	1.000000
Presolve time = 0.11 sec.	y1423	1.000000	y7878	1.000000
Found feasible solution after 0.11 sec.	y1424	1.000000	y7879	1.000000
Objective = 5930.7000	y1425	1.000000	y7880	1.000000
Probing time = 0.02 sec.	y1430	1.000000	y7884	1.000000
Clique table members: 8742.	y1431	1.000000	y7885	1.000000
MIP emphasis: balance optimality and feasibility.	y1432	1.000000	y7886	1.000000
	y1433	1.000000	y7887	1.000000
MIP search method: dynamic search.	y3611	1.000000	y7888	1.000000
Parallel mode: deterministic, using up to 8 threads.	y3617	1.000000	y7890	1.000000
	y3618	1.000000	y7891	1.000000
Root relaxation solution time = 0.12 sec.	y3619	1.000000	y7892	1.000000
	y3620	1.000000	y7893	1.000000
Nodes	y3626	1.000000	x14	1.000000
Cuts/	y3627	1.000000	x36	1.000000
Node Left Objective IInf Best	y3628	1.000000	x58	1.000000
Integer Best Bound ItCnt Gap	y3629	1.000000	x78	1.000000
	y3634	1.000000	All other variables in the range 1-8742 are	
* 0+ 0	y3635	1.000000	0.	
5930.7000 1884 ---	y3636	1.000000		
* 0+ 0	y3637	1.000000		
5253.4000 1884 ---	y3638	1.000000		
* 0 0 integral 0	y3643	1.000000		
1744.2000 1744.2000 1884	y3644	1.000000		
0.00%	y3645	1.000000		
Elapsed real time = 0.28 sec. (tree size = 0.00 MB, solutions = 3)	y3646	1.000000		
	y3647	1.000000		
	y3653	1.000000		
Root node processing (before b&c):	y3654	1.000000		
Real time = 0.17	y3655	1.000000		
Parallel b&c, 8 threads:	y3656	1.000000		
Real time = 0.00	y5839	1.000000		
Sync time (average) = 0.00	y5840	1.000000		
Wait time (average) = 0.00	y5841	1.000000		
	y5842	1.000000		
Total (root+branch&cut) = 0.17 sec.	y5848	1.000000		
	y5849	1.000000		
Solution pool: 3 solutions saved.	y5850	1.000000		
	y5851	1.000000		
MIP - Integer optimal solution: Objective = 1.7442000000e+003	y5852	1.000000		
	y5857	1.000000		
Solution time = 0.28 sec. Iterations = 1884 Nodes = 0	y5858	1.000000		
	y5859	1.000000		
Deterministic time = 168.20 ticks (598.57 ticks/sec)	y5860	1.000000		
	y5865	1.000000		
	y5866	1.000000		
Incumbent solution	y5867	1.000000		
Variable Name Solution Value	y5868	1.000000		
y1401 1.000000	y5873	1.000000		
y1402 1.000000	y5874	1.000000		
y1403 1.000000	y5875	1.000000		
y1404 1.000000	y5881	1.000000		
y1405 1.000000	y5882	1.000000		
y1406 1.000000	y5883	1.000000		
y1407 1.000000	y5889	1.000000		
y1408 1.000000	y7861	1.000000		
y1409 1.000000	y7862	1.000000		
y1410 1.000000	y7863	1.000000		
y1412 1.000000	y7864	1.000000		
y1413 1.000000	y7869	1.000000		

付録5 CPLEX 結果 AED ケース2 最遠距離最小化(02.lp)

Problem '02.lp' read.	y1517	1.000000	y5781	1.000000
Read time = 0.03 sec.	y1518	1.000000	y8582	1.000000
Tried aggregator 1 time.	y4619	1.000000	y8583	1.000000
MIP Presolve eliminated 95 rows and 0 columns.	y4620	1.000000	y8584	1.000000
Reduced MIP has 17297 rows, 8743 columns, and 43148 nonzeros.	y1521	1.000000	y8585	1.000000
Reduced MIP has 8742 binaries, 0 generals, 0 SOSs, and 0 indicators.	y1522	1.000000	y8586	1.000000
Probing time = 0.02 sec.	y1523	1.000000	y8587	1.000000
Tried aggregator 1 time.	y1524	1.000000	y8588	1.000000
Presolve time = 0.13 sec.	y1525	1.000000	y8589	1.000000
Probing time = 0.02 sec.	y1526	1.000000	y8590	1.000000
Clique table members: 8742.	y1527	1.000000	y8591	1.000000
MIP emphasis: balance optimality and feasibility.	y4628	1.000000	y8592	1.000000
MIP search method: dynamic search.	y4629	1.000000	y8593	1.000000
Parallel mode: deterministic, using up to 8 threads.	y5730	1.000000	All other variables in the range 1-8743 are 0.	
Root relaxation solution time = 0.80 sec.	y1531	1.000000		
Implied bound cuts applied: 5719	y1532	1.000000		
Root node processing (before b&c):	y1533	1.000000		
Real time = 26.78	y1534	1.000000		
Parallel b&c, 8 threads:	y4635	1.000000		
Real time = 540.40	y4636	1.000000		
Sync time (average) = 0.01	y4637	1.000000		
Wait time (average) = 0.05	y4638	1.000000		
-----	y5739	1.000000		
Total (root+branch&cut) = 567.19 sec.	y5740	1.000000		
Solution pool: 45 solutions saved.	y5741	1.000000		
MIP - Integer optimal solution: Objective = 3.1600000000e+001	y1542	1.000000		
Solution time = 567.38 sec. Iterations = 3120922 Nodes = 5615	y4643	1.000000		
Deterministic time = 136013.41 ticks (239.72 ticks/sec)	y4644	1.000000		
Incumbent solution	y4645	1.000000		
Variable Name	y4646	1.000000		
u	y4647	1.000000		
y1501	y5748	1.000000		
x15	y5749	1.000000		
x46	y5750	1.000000		
x57	y5751	1.000000		
x85	y5752	1.000000		
y1502	y4653	1.000000		
y1503	y4654	1.000000		
y1504	y4655	1.000000		
y1505	y4656	1.000000		
y1506	y5757	1.000000		
y1507	y5758	1.000000		
y1508	y5759	1.000000		
y1509	y8560	1.000000		
y1510	y8561	1.000000		
y1511	y4662	1.000000		
y1512	y4663	1.000000		
y1513	y4664	1.000000		
y1514	y5765	1.000000		
y1515	y5766	1.000000		
y1516	y5767	1.000000		
	y5768	1.000000		
	y8569	1.000000		
	y4670	1.000000		
	y8571	1.000000		
	y4672	1.000000		
	y5773	1.000000		
	y8574	1.000000		
	y8575	1.000000		
	y8576	1.000000		
	y8577	1.000000		
	y8578	1.000000		
	y8579	1.000000		
	y8580	1.000000		

付録6 CPLEX 結果 喫煙所 ケース3 総移動距離最大化(03.lp)

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Problem '03.lp' read.                y0162                1.000000            y8911                1.000000
Read time = 0.03 sec.                y0163                1.000000            y8916                1.000000
Tried aggregator 1 time.             y0164                1.000000            y8917                1.000000
Probing time = 0.00 sec.             y0165                1.000000            y8918                1.000000
Tried aggregator 1 time.             y0166                1.000000            y8919                1.000000
Presolve time = 0.13 sec.            y0167                1.000000            y8920                1.000000
Found feasible solution after 0.13 sec. y0168                1.000000            y8925                1.000000
Objective = 5930.7000                 y0169                1.000000            y8926                1.000000
Probing time = 0.00 sec.             y0170                1.000000            y8927                1.000000
Clique table members: 8742.          y0171                1.000000            y8928                1.000000
MIP emphasis: balance optimality and y0172                1.000000            y8929                1.000000
feasibility.                          y0173                1.000000            y8934                1.000000
MIP search method: dynamic search.    y0174                1.000000            y8935                1.000000
Parallel mode: deterministic, using up to 8 threads. y0175                1.000000            y8936                1.000000
Root relaxation solution time = 0.39 sec. y0176                1.000000            y8937                1.000000
                                         y0177                1.000000            y8938                1.000000
                                         y0178                1.000000            y8944                1.000000
Nodes                                   y0179                1.000000            y8945                1.000000
Cuts/                                   y0180                1.000000            x01                  1.000000
Node Left Objective Inf Best          y0181                1.000000            x80                  1.000000
Integer Best Bound ItCnt Gap           y0182                1.000000            x89                  1.000000
* 0+ 0                                     y0183                1.000000            All other variables in the range 1-8742 are
5930.7000                                     y0184                1.000000            0.
* 0+ 0                                     y0185                1.000000
6461.3000                                     y0186                1.000000
* 0 0 integral 0                             y0187                1.000000
8738.4000 8738.4000 199                      y0188                1.000000
0.00%                                         y0189                1.000000
Elapsed real time = 0.55 sec. (tree size = y0190                1.000000
0.00 MB, solutions = 3)                     y0191                1.000000
Root node processing (before b&c):          y0192                1.000000
Real time = 0.42                             y0193                1.000000
Parallel b&c, 8 threads:                    y8001                1.000000
Real time = 0.00                             y8002                1.000000
Sync time (average) = 0.00                  y8003                1.000000
Wait time (average) = 0.00                  y8004                1.000000
-----                                     y8005                1.000000
Total (root+branch&cut) = 0.42 sec.        y8006                1.000000
Solution pool: 3 solutions saved.           y8007                1.000000
MIP - Integer optimal solution: Objective   y8008                1.000000
= 8.7384000000e+003                         y8012                1.000000
Solution time = 0.55 sec. Iterations =     y8013                1.000000
199 Nodes = 0                               y8014                1.000000
Deterministic time = 122.92 ticks (225.12 y8015                1.000000
ticks/sec)                                  y8021                1.000000
Incumbent solution                          y8022                1.000000
Variable Name Solution Value              y8023                1.000000
y0146 1.000000                             y8024                1.000000
y0147 1.000000                             y8030                1.000000
y0152 1.000000                             y8031                1.000000
y0153 1.000000                             y8032                1.000000
y0154 1.000000                             y8033                1.000000
y0155 1.000000                             y8039                1.000000
y0156 1.000000                             y8040                1.000000
y0158 1.000000                             y8041                1.000000
y0159 1.000000                             y8042                1.000000
y0160 1.000000                             y8043                1.000000
y0161 1.000000                             y8048                1.000000
                                         y8049                1.000000
                                         y8050                1.000000
                                         y8051                1.000000
                                         y8057                1.000000
                                         y8904                1.000000
                                         y8909                1.000000
                                         y8910                1.000000

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付録7 CPLEX 結果 喫煙所 ケース4 リング道路上へ配置(04.lp)

Problem '04.lp' read.	y2106	1.000000	y9168	1.000000
Read time = 0.02 sec.	y2107	1.000000	y9169	1.000000
Tried aggregator 1 time.	y2108	1.000000	y9170	1.000000
MIP Presolve eliminated 6110 rows and 6110 columns.	y2109	1.000000	y9173	1.000000
Reduced MIP has 2698 rows, 2632 columns, and 7840 nonzeros.	y2112	1.000000	y9174	1.000000
Reduced MIP has 2632 binaries, 0 generals, 0 SOSs, and 0 indicators.	y2113	1.000000	y9175	1.000000
Probing time = 0.00 sec.	y2114	1.000000	y9176	1.000000
Tried aggregator 1 time.	y2115	1.000000	y9177	1.000000
Presolve time = 0.05 sec.	y2116	1.000000	y9178	1.000000
Found feasible solution after 0.05 sec.	y2121	1.000000	y9179	1.000000
Objective = 5930.7000	y2122	1.000000	y9180	1.000000
Probing time = 0.00 sec.	y2123	1.000000	y9181	1.000000
Clique table members: 2697.	y2124	1.000000	y9182	1.000000
MIP emphasis: balance optimality and feasibility.	y2125	1.000000	y9183	1.000000
MIP search method: dynamic search.	y2130	1.000000	y9184	1.000000
Parallel mode: deterministic, using up to 8 threads.	y2131	1.000000	y9185	1.000000
Root relaxation solution time = 0.03 sec.	y2132	1.000000	y9186	1.000000
	y2133	1.000000	y9187	1.000000
	y2134	1.000000	y9188	1.000000
	y2139	1.000000	y9189	1.000000
	y2140	1.000000	y9190	1.000000
	y2141	1.000000	y9191	1.000000
	y2142	1.000000	y9192	1.000000
Nodes	y2148	1.000000	y9193	1.000000
Cuts/	y2149	1.000000	x21	1.000000
Node Left Objective IInf Best	y2150	1.000000	x47	1.000000
Integer Best Bound ItCnt Gap	y2151	1.000000	x91	1.000000
	y2157	1.000000	All other variables in the range 1-8742 are 0.	
* 0+ 0	y2158	1.000000		
5930.7000 791 ---	y4710	1.000000		
* 0+ 0	y4711	1.000000		
5399.8000 791 ---	y4717	1.000000		
* 0 0 integral 0	y4718	1.000000		
2561.6000 2561.6000 791	y4719	1.000000		
0.00%	y4720	1.000000		
Elapsed real time = 0.45 sec. (tree size = 0.00 MB, solutions = 3)	y4726	1.000000		
	y4727	1.000000		
	y4728	1.000000		
Root node processing (before b&c):	y4729	1.000000		
Real time = 0.41	y4735	1.000000		
Parallel b&c, 8 threads:	y4736	1.000000		
Real time = 0.00	y4737	1.000000		
Sync time (average) = 0.00	y4738	1.000000		
Wait time (average) = 0.00	y4743	1.000000		
	y4744	1.000000		
Total (root+branch&cut) = 0.41 sec.	y4745	1.000000		
	y4746	1.000000		
Solution pool: 3 solutions saved.	y4747	1.000000		
	y4752	1.000000		
MIP - Integer optimal solution: Objective = 2.5616000000e+003	y4753	1.000000		
	y4754	1.000000		
Solution time = 0.47 sec. Iterations = 791 Nodes = 0	y4755	1.000000		
	y4756	1.000000		
Deterministic time = 63.40 ticks (135.47 ticks/sec)	y4761	1.000000		
	y4762	1.000000		
	y4763	1.000000		
	y4764	1.000000		
Incumbent solution	y4771	1.000000		
Variable Name Solution Value	y4772	1.000000		
y2101 1.000000	y9159	1.000000		
y2102 1.000000	y9160	1.000000		
y2103 1.000000	y9165	1.000000		
y2104 1.000000	y9166	1.000000		
y2105 1.000000	y9167	1.000000		