

Sequence	P ₀	P ₁	P ₂	P ₃	P ₄	P ₅	P ₆
Dimension	30	35	15	5	10	20	25

Matrix	A ₁	A ₂	A ₃	A ₄	A ₅	A ₆
Dimension	30 X 35	35 X 15	15 X 5	5 X 10	10 X 20	20 X 25

1	m(1,2)=m(1,1)+m(2,2)+P ₀ P ₁ P ₂		= 0 + 0 + (30 . 35 . 15) = 15750	K = 1
	m(2,3)=m(2,2)+m(3,3)+P ₁ P ₂ P ₃		= 0 + 0 + (35 . 15 . 5) = 2625	K = 2
	m(3,4)=m(3,3)+m(4,4)+P ₂ P ₃ P ₄		= 0 + 0 + (15 . 5 . 10)= 750	K = 3
	m(4,5)=m(4,4)+m(5,5)+P ₃ P ₄ P ₅		= 0 + 0 + (5 . 10 . 20)= 1000	K = 4
	m(5,6)=m(5,5)+m(6,6)+P ₄ P ₅ P ₆		= 0 + 0 + (10 . 20 . 25)= 5000	K = 5
2	m(1,3)=min	m(1,1)+m(2,3)+P ₀ P ₁ P ₃	=0+2625+ (30 . 35 . 5)= 7875	min = 7875 K=1
		m(1,2)+m(3,3)+P ₀ P ₂ P ₃	=15750+0+ (30 . 15 . 5)= 18000	
	m(2,4)=min	m(2,2)+m(3,4)+P ₁ P ₂ P ₄	= 0 + 750 + (35 . 15 . 10)= 6000	min = 4375 K=3
		m(2,3)+m(4,4)+P ₁ P ₃ P ₄	= 2625 + 0 + (35 . 5 . 10)= 4375	
	m(3,5)=min	m(3,3)+m(4,5)+P ₂ P ₃ P ₅	= 0 + 1000 + (15 . 5 . 20)= 2500	min = 2500 K=3
		m(3,4)+m(5,5)+P ₂ P ₄ P ₅	= 750 + 0 + (15 . 10 . 20)= 3750	
	m(4,6)=min	m(4,4)+m(5,6)+P ₃ P ₄ P ₆	= 0 + 5000 + (5 . 10 . 25)= 6250	min = 3500 K=5
		m(4,5)+m(6,6)+P ₃ P ₅ P ₆	= 1000 + 0 + (5 . 20 . 25)= 3500	
3	m(1,4)= min	m(1,1)+m(2,4)+P ₀ P ₁ P ₄	=0+4375+(30 . 35 . 10)=14875	min = 9375 K=3
		m(1,2)+m(3,4)+P ₀ P ₂ P ₄	=15750+750+(30.15.10)=21000	
		m(1,3)+m(4,4)+P ₀ P ₃ P ₄	=7875+0+ (30 . 5 . 10)=9375	
	m(2,5)= min	m(2,2)+m(3,5)+P ₁ P ₂ P ₅	=0+2500+(35 . 15 . 20)=13000	min = 7125 K=3
		m(2,3)+m(4,5)+P ₁ P ₃ P ₅	=2625+1000+(35 . 5 . 20)=5125	
		m(2,4)+m(5,5)+P ₁ P ₄ P ₅	=4375+0+ (35 . 10 . 20)=11375	
	m(3,6)= min	m(3,3)+m(4,6)+P ₂ P ₃ P ₆	=0+3500+(15 . 5 . 25)=5375	min = 5375 K=3
		m(3,4)+m(5,6)+P ₂ P ₄ P ₆	=750+5000+(15 .10 . 25)=9500	
		m(3,5)+m(6,6)+P ₂ P ₅ P ₆	=2500+0+ (15 . 20 . 25)= 10000	
4	m(1,5)= min	m(1,1)+m(2,5)+P ₀ P ₁ P ₅	=0+7125+(30.35.20)=25125	min =11875 K=3
		m(1,2)+m(3,5)+P ₀ P ₂ P ₅	=15750+2500+(30.15.20)=27250	
		m(1,3)+m(4,5)+P ₀ P ₃ P ₅	=7875+1000+(30.5.20)=11875	
		m(1,4)+m(5,5)+P ₀ P ₄ P ₅	=9375+0+(30.10.20)=15375	
	m(2,6)= min	m(2,2)+m(3,6)+P ₁ P ₂ P ₆	=0+9375+(35.15.25)=22500	min =10500 K=3
		m(2,3)+m(4,6)+P ₁ P ₃ P ₆	=2625+3500+(35.5.25)=10500	
		m(2,4)+m(5,6)+P ₁ P ₄ P ₆	=4375+5000+(35.10.25)=18125	
		m(2,5)+m(6,6)+P ₁ P ₅ P ₆	=7125+0+(35.20.25)=24625	
5	m(1,6)= min	m(1,1)+m(2,6)+P ₀ P ₁ P ₆	=0+10500+(30.35.25)=36750	min =15125 K=3
		m(1,2)+m(3,6)+P ₀ P ₂ P ₆	=15750+9375+(30.15.25)=36375	
		m(1,3)+m(4,6)+P ₀ P ₃ P ₆	=7875+3500+(30.5.25)=15125	
		m(1,4)+m(5,6)+P ₀ P ₄ P ₆	=9375+5000+(30.10.25)=21875	
		m(1,5)+m(6,6)+P ₀ P ₅ P ₆	=11875+0+(30.20.25)=26875	

