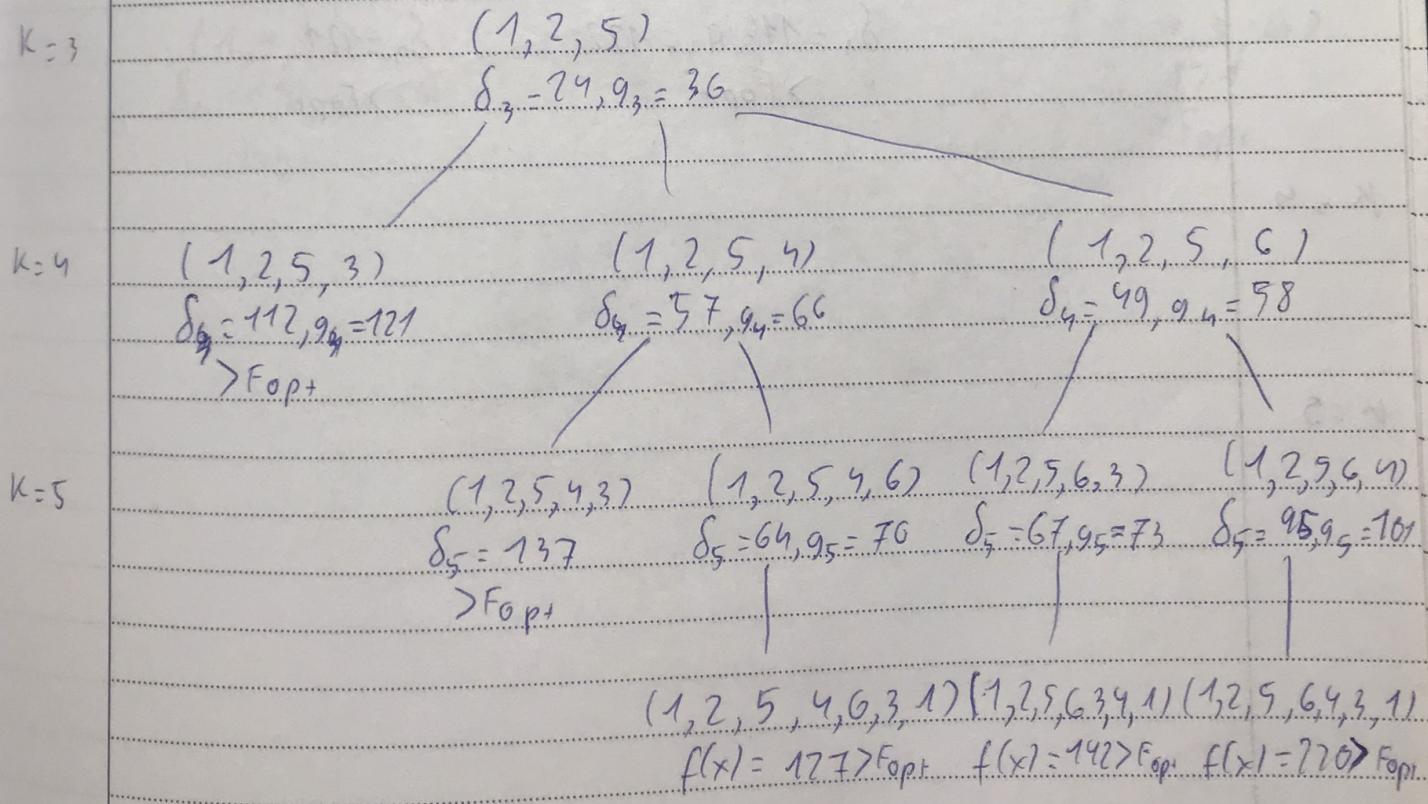
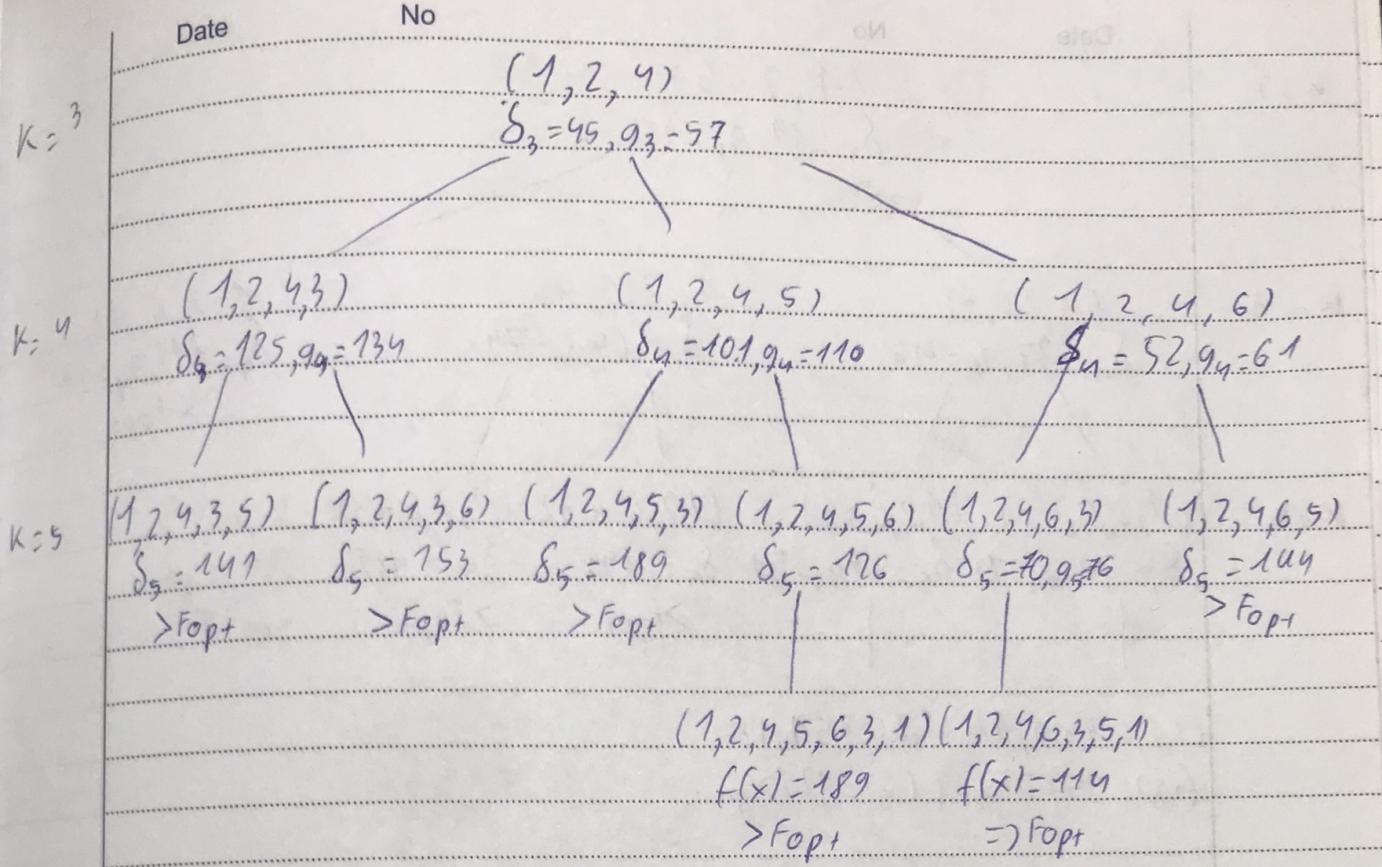


Date	No
$\delta_k = \sum_{i=1}^k C[x_i, x_{i+1}]$	
$x_1 = 1, k > 2$	
$q_k = \delta_k + (n-k+1) C_{\min}$	
$(\min = 3, n = 6)$	
	$F_{opt} = +\infty$
$k=2$	$(1, 2) \quad (1, 3) \quad (1, 4) \quad (1, 5) \quad (1, 6)$
	$\delta_2 = 3, q_2 = 18$
$k=3$	$(1, 2, 3)$
	$\delta_3 = 80, q_3 = 92$
$k=n$	$(1, 2, 3, 4) \quad (1, 2, 3, 5) \quad (1, 2, 3, 6)$
	$\delta_4 = 116, q_4 = 125 \quad \delta_4 = 96, q_4 = 105 \quad \delta_4 = 108, q_4 = 117$
$= 5$	$(1, 2, 3, 4, 5) \quad (1, 2, 3, 4, 6) \quad (1, 2, 3, 5, 4) \quad (1, 2, 3, 5, 6) \quad (1, 2, 3, 6, 4) \quad (1, 2, 3, 6, 5)$
	$\delta_5 = 149, q_5 = 155 \quad \delta_5 = 123, q_5 = 129 \quad \delta_5 = 129, q_5 = 135 \quad \delta_5 = 121, q_5 = 127 \quad \delta_5 = 95 \quad \delta_5 = 200$
	$> F_{opt} \quad > F_{opt}$
	$(1, 2, 3, 4, 5, 6, 1) \quad (1, 2, 3, 4, 6, 5, 1) \quad (1, 2, 3, 5, 4, 6, 1) \quad (1, 2, 3, 5, 6, 4, 1)$
	$f(x) = 177 \Rightarrow F_{opt} \quad f(x) = 243 \Rightarrow F_{opt} \quad f(x) = 139 \Rightarrow F_{opt} \quad f(x) = 206 \Rightarrow F_{opt}$



$k=3$

Date

No

$$(1, 2, 6)$$

$$S_3 = 19, q_3 = 31$$

$k=4$

(1, 2, 6, 3)

$$S_4 = 37, q_4 = 46$$

(1, 2, 6, 4)

$$S_4 = 65, q_4 = 74$$

(1, 2, 6, 5)

$$S_4 = 111, q_4 = 120$$

$> F_{opt}$

$k=5$

(1, 2, 6, 3, 4)

$$S_5 = 73, q_5 = 79$$

(1, 2, 6, 3, 5)

$$S_5 = 53, q_5 = 59$$

(1, 2, 6, 4, 3)

$$S_5 = 145$$

(1, 2, 6, 4, 5)

$$S_5 = 921$$

$> F_{opt}$

$> F_{opt}$

(1, 2, 6, 3, 4, 5, 1)

$$f(x) = 157 > F_{opt}, f(x) = 175 > F_{opt}$$

$k=3$

(1, 3, 2)

$$S_3 = 110, q_3 = 122$$

$> F_{opt}$

(1, 3, 6)

$$S_3 = 121$$

$> F_{opt}$

$k=4$

$k=5$

Date

No

07/03

 $(1, 3, 4)$

$$\delta_3 = 129$$

 $> F_{opt}$ $(1, 3, 5)$

$$\delta_3 = 121$$

 $> F_{opt}$ $K=3$ $(1, 4, 2)$

$$\delta_3 = 103, q_3 = 115$$

 $K=4$ $(1, 4, 2, 3)$

$$\delta_4 = 180$$

 $> F_{opt}$ $(1, 4, 2, 5)$

$$\delta_4 = 124$$

 $> F_{opt}$ $(1, 4, 2, 6)$

$$\delta_4 = 149$$

 $= F_{opt}$ $K=3$ $(1, 4, 3)$

$$\delta_3 = 93, q_3 = 105$$

 $K=4$ $(1, 4, 3, 2)$

$$\delta_4 = 110, q_4 = 119$$

 $= F_{opt}$ $(1, 4, 3, 5)$

$$\delta_4 = 109, q_4 = 118$$

 $(1, 4, 3, 6)$

$$\delta_4 = 121$$

 $> F_{opt}$ $K=5$ $(1, 4, 3, 5, 2)$

$$\delta_5 = 155$$

 $> F_{opt}$ $(1, 4, 3, 5, 6)$

$$\delta_5 = 134$$

 $> F_{opt}$

Date	No				
$k=3$	$(1,4,5)$ $S_3 = 69, q_3 = 81$				$k=$
$k=4$	$(1,4,5,1)$ $S_4 = 115, q_4 = 129$ $> F_{opt}$	$(1,4,5,3)$ $S_4 = 157$ $> F_{opt}$	$(1,4,5,6)$ $S_4 = 94, q_4 = 101$		$k=$
$k=5$	$(1,4,5,6,2)$ $S_5 = 182$ $> F_{opt}$	$(1,4,5,6,1)$ $S_5 = 47$			k
			$(1,4,5,6,3,2,1)$ $f(x) = 135 > F_{opt}$		k
$k=3$	$(1,4,6)$ $S_3 = 70, q_3 = 32$				k
$k=4$	$(1,4,6,1)$ $S_4 = 108, q_4 = 117$	$(1,4,6,3)$ $S_4 = 38, q_4 = 47$	$(1,4,6,5)$ $S_4 = 112$ $> F_{opt}$		k
$k=5$	$(1,4,6,2,3)$ $S_5 = 185$ $> F_{opt}$	$(1,4,6,2,5)$ $S_5 = 120$ $> F_{opt}$	$(1,4,6,3,2)$ $S_5 = 55, q_5 = 61$	$(1,4,6,3,5)$ $S_5 = 54, q_5 = 60$	
	$(1,4,6,3,2,5,1)$ $f(x) = 104$ $\Rightarrow F_{opt}$	$(1,4,6,3,5,2,1)$ $f(x) = 104$ $\Rightarrow F_{opt}$			

Date

No

 $k=3$

$$(1, 5, 2)$$

$$\delta_3 = 79, g_3 = 91$$

 $k=4$

$$(1, 5, 2, 3)$$

$$\delta_4 = 156$$

 $> F_{opt}$

$$(1, 5, 2, 4)$$

$$\delta_4 = 171$$

 $> F_{opt}$

$$(1, 5, 2, 6)$$

$$\delta_4 = 95, g = 104$$

 $= F_{opt}$ $k=3$

$$(1, 5, 3)$$

$$\delta_3 = 121$$

 $> F_{opt}$

$$(1, 5, 4)$$

$$\delta_4 = 66, g_4 = 78$$

 $k=4$

$$(1, 5, 4, 2)$$

$$\delta_4 = 156$$

 $> F_{opt}$

$$(1, 5, 4, 3)$$

$$\delta_4 = 146$$

 $> F_{opt}$

$$(1, 5, 4, 6)$$

$$\delta_4 = 73, g_4 = 82$$

 $k=5$

$$(1, 5, 4, 6, 2)$$

$$\delta_5 = 161$$

 $> F_{opt}$

$$(1, 5, 4, 6, 3, 2, 1)$$

$$f(x) = 112$$

 $> F_{opt}$

k=3

Date

No
 $(1, 5, 6)$

$$S_3 = 58, q_3 = 70$$

k=4

$(1, 5, 6, 2)$
 $S_4 = 146$
 $> F_{opt}$

$(1, 5, 6, 3)$
 $S_4 = 76$

$(1, 5, 6, 4)$
 $S_4 = 104$
 $= F_{opt}$

k=5

$(1, 5, 6, 3, 2)$
 $S_4 = 93, q_4 = 99$

$(1, 5, 6, 3, 4)$
 $S_4 = 112$
 $> F_{opt}$

k=3

$(1, 5, 6, 3, 2, 4, 1)$
 $f(x) = 179$
 $> F_{opt}$

k=3

$(1, 6, 2)$
 $S_3 = 97, q_3 = 109$
 $> F_{opt}$

$(1, 6, 3)$
 $S_3 = 77, q_3 = 39$

k=4

$(1, 6, 3, 2)$
 $S_4 = 44, q_4 = 53$

$(1, 6, 3, 4)$
 $S_4 = 63, q_4 = 72$

$(1, 6, 3, 5)$
 $S_4 = 43, q_4 = 57$

k=5

$(1, 6, 3, 2, 4)$
 $S_5 = 86, q_5 = 92$

$(1, 6, 3, 2, 5)$
 $S_5 = 65, q_5 = 71$

$(1, 6, 3, 4, 2)$
 $S_5 = 153$

$(1, 6, 3, 4, 5)$
 $S_5 = 70, q_5 = 79$

$(1, 6, 3, 5, 2)$
 $S_5 = 89, q_5 = 78$

$(1, 6, 3, 5, 4)$
 $S_5 = 76, q_5 = 76$

$> F_{opt}$

$(1, 6, 3, 2, 4, 5, 1)$
 $f(x) = 170$

$(1, 6, 3, 2, 5, 4, 1)$
 $f(x) = 137$

$(1, 6, 3, 4, 5, 2, 1)$
 $f(x) = 120$

$(1, 6, 3, 5, 2, 4, 1)$
 $f(x) = 170$

$> F_{opt}$

$> F_{opt}$

$> F_{opt}$

$f(x) = 170$

$> F_{opt}$

	Date	No		
$k=3$		$(1, 6, 4)$ $\delta_3 = 55, g_3 = 67$		
$k=4$	$(1, 6, 4, 2)$ $\delta_4 = 145$ $> F_{opt}$	$(1, 6, 4, 3)$ $\delta_4 = 135$ $> F_{opt}$	$(1, 6, 4, 5)$ $\delta_4 = 111$ $> F_{opt}$	
$k=3$		$(1, 6, 5)$ $S_3 = 101, g_3 = 113$ $> F_{opt}$		

\Rightarrow Giá trị tối ưu: 104, có đtq $(1, 4, 6, 3, 2, 5, 1)$
 $(1, 4, 6, 3, 5, 2, 1)$