Pseudocode for optimizing the system design of  $C_{pmk}$ -TSS-n is shown below.

Algorithm: Optimization of the system design of $C_{pmk}$ -TSS- $n$ .User InterfacefluidPage (Input, Output)Input:Regulation parameters $c_{AQL}$ , $c_{RQL}$ , $\alpha$ , $\beta$ , $g$ , $h$ , and $m$ ncremental values $a = 1$ , $b = 1$ , $c = 0.0001$ , $Tol = 0.000001$ Output:Optimal system design $n_N$ , $n_T (= mn_N)$ , $k$ ServerInitiation: $ASN[1] = 3$ ; $n_N[1] = 1$ ; $k[1] = 0.0001$ 1:FOR $i = 1$ to 1000 do $ASN[i+1] \leftarrow ASN[i] + a$ 2:FOR $j = 1$ to 1000 do $n_N[j+1] \leftarrow n_N[j] + b$ 3:FOR $q = 1$ to 100000 do $n_N[j+1] \leftarrow n_N[j] + b$ 3:FOR $q = 1$ to 1000000 do $n_N[j+1]$ , $n_T$ , $k[q+1] c_{AQL}, g, h, m$ 6:IF $ASN(n_N[j+1], n_T, k[q+1] c_{AQL}, g, h, m) - AFN[i+1] \le Tol$ THEN7:CALCULATE $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ THEN9:CALCULATE $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ THEN9:CALCULATE $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ AND $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ AND $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m) - \beta \le Tol$ AND $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m) - \beta \le Tol$ BREAK12:END FOR13:END FOR			
fluidPage (Input, Output)  Input: Regulation parameters $c_{AQL}$ , $c_{RQL}$ , $α$ , $β$ , $g$ , $h$ , and $m$ Incremental values $a = 1$ , $b = 1$ , $c = 0.0001$ , $Tol = 0.000001$ Output: Optimal system design $n_N$ , $n_T (= mn_N)$ , $k$ Server  Initiation: ASN[1] = 3; $n_N [1] = 1$ ; $k[1] = 0.0001$ 1: FOR $i = 1$ to 1000 do  ASN[ $i + 1$ ] ← ASN[ $i$ ] + $a$ 2: FOR $j = 1$ to 1000 do $n_N [j + 1]$ ← $n_N [j] + b$ 3: FOR $q = 1$ to 100000 do  4: $k[q + 1]$ ← $k[q]$ + $c$ 5: CALCULATE ASN $(n_N [j + 1], n_T, k[q + 1] c_{AQL}, g, h, m)$ 6: IF ASN $(n_N [j + 1], n_T, k[n + 1] c_{AQL}, g, h, m)$ – AFN $[i + 1]$ $f$ – $f$	<b>Algorithm:</b> Optimization of the system design of $C_{pmk}$ -TSS- $n$ .		
Input: Regulation parameters $c_{AQL}$ , $c_{RQL}$ , $\alpha$ , $\beta$ , $g$ , $h$ , and $m$ Incremental values $a = 1$ , $b = 1$ , $c = 0.0001$ , $Tol = 0.000001$ Output: Optimal system design $n_N$ , $n_T (= mn_N)$ , $k$ Server  Initiation: ASN[1] = 3; $n_N$ [1] = 1; $k$ [1] = 0.0001  1: FOR $i = 1$ to 1000 do  ASN[ $i + 1$ ] $\leftarrow$ ASN[ $i$ ] + $a$ 2: FOR $j = 1$ to 1000 do $n_N[j + 1] \leftarrow n_N[j] + b$ 3: FOR $q = 1$ to 100000 do  4: $k[q + 1] \leftarrow k[q] + c$ 5: CALCULATE ASN $(n_N[j + 1], n_T, k[q + 1] c_{AQL}, g, h, m)$ 6: IF ASN $(n_N[j + 1], n_T, k[q + 1] c_{AQL}, g, h, m) - AFN[i + 1] \leq Tol$ THEN  7: CALCULATE $\pi_a(n_N[j + 1], n_T, k[h + 1] c_{AQL}, g, h, m)$ 8: IF $\pi_a(n_N[j + 1], n_T, k[h + 1] c_{AQL}, g, h, m) - (1 - \alpha) \geq Tol$ THEN  9: CALCULATE $\pi_a(n_N[j + 1], n_T, k[h + 1] c_{AQL}, g, h, m) - (1 - \alpha) \geq Tol$ THEN  10: IF $\pi_a(n_N[j + 1], n_T, k[h + 1] c_{AQL}, g, h, m) - (1 - \alpha) \geq Tol$ AND $\pi_a(n_N[j + 1], n_T, k[h + 1] c_{AQL}, g, h, m) - (1 - \alpha) \geq Tol$ AND $\pi_a(n_N[j + 1], n_T, k[h + 1] c_{AQL}, g, h, m) - \beta \leq Tol$ 11: BREAK  12: END FOR		<u>User Interface</u>	
Incremental values $a=1, b=1, c=0.0001, Tol=0.000001$ Output: Optimal system design $n_N, n_T (=mn_N), k$ Server  Initiation: ASN[1] = 3; $n_N [1] = 1$ ; $k[1] = 0.0001$ 1: FOR $i=1$ to $1000$ do  ASN[ $i+1$ ] $\leftarrow$ ASN[ $i$ ] + $a$ 2: FOR $j=1$ to $1000$ do $n_N [j+1] \leftarrow n_N [j] + b$ 3: FOR $q=1$ to $100000$ do  4: $k[q+1] \leftarrow k[q] + c$ 5: CALCULATE ASN $(n_N [j+1], n_T, k[q+1]   c_{AQL}, g, h, m)$ 6: IF ASN $(n_N [j+1], n_T, k[q+1]   c_{AQL}, g, h, m) - AFN[i+1] \le Tol$ THEN  7: CALCULATE $\pi_a(n_N [j+1], n_T, k[h+1]   c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ THEN  9: CALCULATE $\pi_a(n_N [j+1], n_T, k[h+1]   c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ THEN  10: IF $\pi_a(n_N [j+1], n_T, k[h+1]   c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ AND $\pi_a(n_N [j+1], n_T, k[h+1]   c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ 11: BREAK  12: END FOR	fluidPage (Input, Output)		
Output: Optimal system design $n_N, n_T (=mn_N), k$ Server  Initiation: ASN[1] = 3; $n_N$ [1] = 1; $k$ [1] = 0.0001  1: FOR $i$ = 1 to 1000 do  ASN[ $i$ + 1] $\leftarrow$ ASN[ $i$ ] + $a$ 2: FOR $j$ = 1 to 1000 do $n_N[j+1] \leftarrow n_N[j] + b$ 3: FOR $q$ = 1 to 100000 do  4: $k[q+1] \leftarrow k[q] + c$ 5: CALCULATE ASN $(n_N[j+1], n_T, k[q+1] c_{AQL}, g, h, m)$ 6: IF ASN $(n_N[j+1], n_T, k[q+1] c_{AQL}, g, h, m) - AFN[i+1] \le Tol$ THEN  7: CALCULATE $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ THEN  9: CALCULATE $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ THEN  9: CALCULATE $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ AND $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ AND $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m) - \beta \le Tol$ 11: BREAK  12: END FOR	Input:	Regulation parameters $c_{AQL}$ , $c_{RQL}$ , $\alpha$ , $\beta$ , $g$ , $h$ , and $m$	
Server Initiation: ASN[1] = 3; $n_N[1]$ = 1; $k[1]$ = 0.0001  1: FOR $i$ = 1 to 1000 do  ASN[ $i$ +1] ← ASN[ $i$ ] + $a$ 2: FOR $j$ = 1 to 1000 do $n_N[j+1]$ ← $n_N[j]$ + $b$ 3: FOR $q$ = 1 to 100000 do  4: $k[q+1]$ ← $k[q]$ + $c$ 5: CALCULATE ASN $(n_N[j+1], n_T, k[q+1] c_{AQL}, g, h, m)$ 6: IF ASN $(n_N[j+1], n_T, k[q+1] c_{AQL}, g, h, m)$ − AFN $[i+1]$ ≤ $Tol$ THEN  7: CALCULATE $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m)$ − $(1-\alpha) \ge Tol$ THEN  9: CALCULATE $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m)$ − $(1-\alpha) \ge Tol$ THEN  10: IF $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m)$ − $(1-\alpha) \ge Tol$ AND $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m)$ − $(1-\alpha) \ge Tol$ AND $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m)$ − $(1-\alpha) \ge Tol$ 11: BREAK  12: END FOR		Incremental values $a = 1$ , $b = 1$ , $c = 0.0001$ , $Tol = 0.000001$	
Initiation: ASN[1] = 3; $n_N[1]$ = 1; $k[1]$ = 0.0001  1: FOR $i$ = 1 to 1000 do  ASN[ $i$ +1] $\leftarrow$ ASN[ $i$ ]+ $a$ 2: FOR $j$ = 1 to 1000 do $n_N[j+1] \leftarrow n_N[j] + b$ 3: FOR $q$ = 1 to 100000 do  4: $k[q+1] \leftarrow k[q] + c$ 5: CALCULATE ASN $(n_N[j+1], n_T, k[q+1] c_{AQL}, g, h, m)$ 6: IF ASN $(n_N[j+1], n_T, k[q+1] c_{AQL}, g, h, m) - AFN[i+1] \le Tol$ THEN  7: CALCULATE $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m)$ 8: IF $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ THEN  9: CALCULATE $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ THEN  10: IF $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ AND $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ 11: BREAK  12: END FOR	Output:	Optimal system design $n_N$ , $n_T (= mn_N)$ , $k$	
1: <b>FOR</b> $i = 1$ to 1000 <b>do</b> $ASN[i+1] \leftarrow ASN[i] + a$ 2: <b>FOR</b> $j = 1$ to 1000 <b>do</b> $n_N[j+1] \leftarrow n_N[j] + b$ 3: <b>FOR</b> $q = 1$ to 100000 <b>do</b> 4: $k[q+1] \leftarrow k[q] + c$ 5: <b>CALCULATE</b> $ASN(n_N[j+1], n_T, k[q+1] c_{AQL}, g, h, m)$ 6: <b>IF</b> $ASN(n_N[j+1], n_T, k[q+1] c_{AQL}, g, h, m) - AFN[i+1] \le Tol$ <b>THEN</b> 7: <b>CALCULATE</b> $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m)$ 8: <b>IF</b> $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ <b>THEN</b> 9: <b>CALCULATE</b> $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m)$ 10: <b>IF</b> $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ <b>AND</b> $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m) - \beta \le Tol$ 11: <b>BREAK</b> 12: <b>END FOR</b>		<u>Server</u>	
ASN[ $i+1$ ] $\leftarrow$ ASN[ $i$ ] + $a$ 2: FOR $j=1$ to 1000 do $n_N[j+1] \leftarrow n_N[j] + b$ 3: FOR $q=1$ to 100000 do  4: $k[q+1] \leftarrow k[q] + c$ 5: CALCULATE ASN $(n_N[j+1], n_T, k[q+1]   c_{AQL}, g, h, m)$ 6: IF ASN $(n_N[j+1], n_T, k[q+1]   c_{AQL}, g, h, m) - AFN[i+1] \le Tol$ THEN  7: CALCULATE $\pi_a(n_N[j+1], n_T, k[h+1]   c_{AQL}, g, h, m)$ 8: IF $\pi_a(n_N[j+1], n_T, k[h+1]   c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ THEN  9: CALCULATE $\pi_a(n_N[j+1], n_T, k[h+1]   c_{AQL}, g, h, m)$ 10: IF $\pi_a(n_N[j+1], n_T, k[h+1]   c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ AND $\pi_a(n_N[j+1], n_T, k[h+1]   c_{AQL}, g, h, m) - \beta \le Tol$ 11: BREAK  12: END FOR	<b>Initiation:</b> ASN[1] = 3; $n_N[1] = 1$ ; $k[1] = 0.0001$		
2: <b>FOR</b> $j = 1$ to 1000 <b>do</b> $n_{N}[j+1] \leftarrow n_{N}[j] + b$ 3: <b>FOR</b> $q = 1$ to 100000 <b>do</b> 4: $k[q+1] \leftarrow k[q] + c$ 5: <b>CALCULATE</b> ASN $(n_{N}[j+1], n_{T}, k[q+1] c_{AQL}, g, h, m)$ 6: <b>IF</b> ASN $(n_{N}[j+1], n_{T}, k[q+1] c_{AQL}, g, h, m) - AFN[i+1] \le Tol$ <b>THEN</b> 7: <b>CALCULATE</b> $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{AQL}, g, h, m)$ 8: <b>IF</b> $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ <b>THEN</b> 9: <b>CALCULATE</b> $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ <b>THEN</b> 10: <b>IF</b> $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ <b>AND</b> $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{AQL}, g, h, m) - \beta \le Tol$ 11: <b>BREAK</b> 12: <b>END FOR</b>	1:	<b>FOR</b> $i = 1$ to 1000 <b>do</b>	
$n_{N}[j+1] \leftarrow n_{N}[j] + b$ 3: <b>FOR</b> $q = 1$ to 100000 <b>do</b> 4: $k[q+1] \leftarrow k[q] + c$ 5: <b>CALCULATE</b> ASN $(n_{N}[j+1], n_{T}, k[q+1] c_{AQL}, g, h, m)$ 6: <b>IF</b> ASN $(n_{N}[j+1], n_{T}, k[q+1] c_{AQL}, g, h, m) - AFN[i+1] \le Tol$ <b>THEN</b> 7: <b>CALCULATE</b> $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{AQL}, g, h, m)$ 8: <b>IF</b> $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ <b>THEN</b> 9: <b>CALCULATE</b> $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ <b>THEN</b> 10: <b>IF</b> $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ AND $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{AQL}, g, h, m) - \beta \le Tol$ 11: <b>BREAK</b> 12: <b>END FOR</b>		$ASN[i+1] \leftarrow ASN[i] + a$	
3: <b>FOR</b> $q = 1$ to 100000 <b>do</b> 4: $k[q+1] \leftarrow k[q] + c$ 5: <b>CALCULATE</b> ASN $(n_N[j+1], n_T, k[q+1]   c_{AQL}, g, h, m)$ 6: <b>IF</b> ASN $(n_N[j+1], n_T, k[q+1]   c_{AQL}, g, h, m) - AFN [i+1] \le Tol$ <b>THEN</b> 7: <b>CALCULATE</b> $\pi_a(n_N[j+1], n_T, k[h+1]   c_{AQL}, g, h, m)$ 8: <b>IF</b> $\pi_a(n_N[j+1], n_T, k[h+1]   c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ <b>THEN</b> 9: <b>CALCULATE</b> $\pi_a(n_N[j+1], n_T, k[h+1]   c_{AQL}, g, h, m)$ 10: <b>IF</b> $\pi_a(n_N[j+1], n_T, k[h+1]   c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ <b>AND</b> $\pi_a(n_N[j+1], n_T, k[h+1]   c_{AQL}, g, h, m) - \beta \le Tol$ 11: <b>BREAK</b> 12: <b>END FOR</b> 13: <b>END FOR</b>	2:	<b>FOR</b> $j = 1$ to 1000 <b>do</b>	
4: $k[q+1] \leftarrow k[q] + c$ 5: $CALCULATE \ ASN(n_N[j+1], n_T, k[q+1] c_{AQL}, g, h, m)$ 6: $IF \ ASN(n_N[j+1], n_T, k[q+1] c_{AQL}, g, h, m) - AFN[i+1] \le Tol$ THEN  7: $CALCULATE \ \pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m)$ 8: $IF \ \pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ THEN  9: $CALCULATE \ \pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ AND $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ AND $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m) - \beta \le Tol$ 11: $BREAK$ 12: $END \ FOR$		$n_N[j+1] \leftarrow n_N[j] + b$	
5: CALCULATE ASN $(n_N[j+1], n_T, k[q+1] c_{AQL}, g, h, m)$ 6: IF ASN $(n_N[j+1], n_T, k[q+1] c_{AQL}, g, h, m)$ — AFN $[i+1] \le Tol$ THEN  7: CALCULATE $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m)$ 8: IF $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ THEN  9: CALCULATE $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ THEN  10: IF $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ AND $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m) - \beta \le Tol$ 11: BREAK  12: END FOR	3:	<b>FOR</b> $q = 1$ to 100000 <b>do</b>	
6: IF ASN $(n_N[j+1], n_T, k[q+1] c_{AQL}, g, h, m)$ - AFN $[i+1] \le Tol$ THEN  7: CALCULATE $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m)$ 8: IF $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m)$ - $(1-\alpha) \ge Tol$ THEN  9: CALCULATE $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m)$ - $(1-\alpha) \ge Tol$ AND $\pi_a(n_N[j+1], n_T, k[h+1] c_{AQL}, g, h, m)$ - $(1-\alpha) \ge Tol$ 11: BREAK  12: END FOR	4:	$k[q+1] \leftarrow k[q] + c$	
THEN  7: CALCULATE $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{AQL}, g, h, m)$ 8: IF $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ THEN  9: CALCULATE $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{AQL}, g, h, m)$ 10: IF $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ AND $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{AQL}, g, h, m) - \beta \le Tol$ 11: BREAK  12: END FOR	5:	CALCULATE ASN $(n_N[j+1], n_T, k[q+1] c_{AQL}, g, h, m)$	
7: CALCULATE $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{AQL}, g, h, m)$ 8: IF $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ THEN  9: CALCULATE $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{RQL}, g, h, m)$ 10: IF $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ AND $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{RQL}, g, h, m) - \beta \le Tol$ 11: BREAK  12: END FOR	6:	IF $ASN(n_N[j+1], n_T, k[q+1] c_{AQL}, g, h, m) - AFN[i+1] \le Tol$	
8: IF $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ THEN  9: CALCULATE $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{RQL}, g, h, m)$ 10: IF $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ AND $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{RQL}, g, h, m) - \beta \le Tol$ 11: BREAK  12: END FOR  13: END FOR		THEN	
THEN  9: CALCULATE $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{RQL}, g, h, m)$ 10: IF $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ AND $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{RQL}, g, h, m) - \beta \le Tol$ 11: BREAK  12: END FOR  13: END FOR	7:		
9: CALCULATE $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{RQL}, g, h, m)$ 10: IF $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ AND $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{RQL}, g, h, m) - \beta \le Tol$ 11: BREAK 12: END FOR 13: END FOR	8:	<b>IF</b> $\pi_a (n_N[j+1], n_T, k[h+1]   c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$	
10: IF $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$ AND $\pi_{a}(n_{N}[j+1], n_{T}, k[h+1] c_{RQL}, g, h, m) - \beta \le Tol$ 11: BREAK  12: END FOR  13: END FOR		THEN	
AND $\pi_a (n_N[j+1], n_T, k[h+1]   c_{RQL}, g, h, m) - \beta \le Tol$ 11: BREAK  12: END FOR  13: END FOR	9:	<b>CALCULATE</b> $\pi_a(n_N[j+1], n_T, k[h+1]   c_{RQL}, g, h, m)$	
11: BREAK  12: END FOR  13: END FOR	10:	IF $\pi_a(n_N[j+1], n_T, k[h+1]   c_{AQL}, g, h, m) - (1-\alpha) \ge Tol$	
12: END FOR 13: END FOR		<b>AND</b> $\pi_a(n_N[j+1], n_T, k[h+1]   c_{RQL}, g, h, m) - \beta \le Tol$	
13: END FOR	11:	BREAK	
	12:	END FOR	
14: END FOR	13:	END FOR	
	14:	END FOR	