Stage 1: the root node. All Solutions) Incumbert AAAA = 0.9x08 x 29 x 0.85 None = 0.5508 Stage 2: operation ACCC = 0.9x0.7x0.85x0.8=0.4284 All Solutions BAAA = 0.7 x 08 x 0.9 x 0.8 x = 0.4284 AAAA = 0.5508 CAAA = 0.85x0.8x0.9x0.8t=0.5202 Incumbent: None DAAA = 0.75 x0.8 x 0.9 x 0.85 = 0.459 D Stage 3: Operation 2 (Global-Best Nocle Selection Policy) Noile (All Selutions) ACCC=24284 AAAA = 0.5508 =0.85 x 0.8 x 0.8x Incumbent BAAA=0-4284 0-7=03808 CBAA = 0.85x0.6x0.9x0.85 CABD = 0.3808 = 0.3902 CAAA=0-5202 CDAA = 0.85x0.7x0.9x0.85 =0.4552 DAAA =0.459

Stage 4: Operation 2 (Global-Best Node Celection) - Node D

(All Solutions A Acce = 0.4184

AAAA = 0.5708

B

(ABD = 0.3808

CABD = 0.3808

C

(CDBA) = QBJX Q.7 X Q.8XQBJ A CDAB=C.8JXO.7XO.9XO.7 =0.3749 ghan or Stage 5: Operation 3 (flobal-Best Node Selection) - CD Noche JAM = 0.4552 DCAG= 0.40/6 - A CABD=8-3808 DB44 = 0.3443 DACC =04080 CBAH = 0.3902 æ 1 yecho=pAAB 1 ACCC=0-1734 CARA = 0.720 65th of the all solutions) CDBA- B-4046 AAAA=0.5508 Incumbert

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