Mapping Algorithms

CP/M

t = n DIU 26

50 = 1 if n M&D 26 \le 12 50 = 2 if n M&D 26 > 12

5 = ((n MOD 26) * 6) MOD 26 + 50 5 = ((n MOD 26) * 6) + 50-1) MOD 26+1

UC5D

+ = n DIU 26

 $ad_{j} = 1$ if n MbD $26 \le 12$ $ad_{j} = 2$ if n MbD 26 > 12

50 = (Whatenew) * 6) + ads.

(+ * 6) M&D 26 + adj

5 = ((n mbD 26) * 2) mbD 26 + 50 5 = (((n mbD 26) * 2) + 50 - 1) mbD 26 + 1

Optimized

n, = n DIV 4

+ = n, DIV 26

adj = 1 if n MbD 26 = 12 adj = 2 if n MbD 26 > 12

50 = + 2 + adj (+ 2) MbD 26+ad,

5 - 1(n mad 26) * 2) Mbb 26+50

5 = [[(n MAD 26) #2) +50-1) MAD 26+/