

$$D'_1 = D'_2 = (p^{32n^5} - 1)(p^{16n^3} + 1)^{-1},$$

$$D'_3 = (p^{64n^5} - 1)(p^{32n^3} + 1)^{-1},$$

$$D'_4 = 2D'_3,$$

$$D'_5 = D'_6 = D'_1,$$

$$M'_1 = 16n^5 - 4n^3,$$

$$M'_2 = 16n^5 + 12n^3 - 4n,$$

$$M'_3 = M'_1,$$

$$M'_4 = M'_2,$$

$$M'_5 = M'_1,$$

$$M'_6 = M'_2.$$

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