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Example by Hand KZG commitments
1) System/Preliminaries/Setup
(#,,+), P= 11, t=2, g=2 (any element + 0 generates)
-) Pairing e(x,y) = x.y mod 11.
  \Theta = (x_1 + x_2, y) = (x_1 + x_2)y = x_1 y + x_2 y = e(x_1, y) + e(x_2, y)
    e(x,y,+y_2) = x(y,+y_2) = xy,+xy_2 = e(x,y_1) + e(x,y_2)
 (2) e(g_1g) = e(2,2) = 4 \neq 0
-Trusted Setup (x=3)
 PP = \langle g, \alpha g, \alpha^2 g \rangle = \langle 2, 3 \cdot 2, 3^2 \cdot 2 \rangle = \langle 2, 6, 18 \rangle = \langle 2, 6, 7 \rangle
 2) Commitment and DELETES &.
                                                          9 ~9 ~29
We want to commit \phi(x) = 3x^2 + 5x + 7
S = [4(x)] = 3x^2g + 5xg + 7g = 3.7 + 5.6 + 7.2 = 65 = 10 mad 11
   3) Open
Open at i= 1) - D $\delta(1) = 3+5+7 = 15 \equiv 4 mod 11.
 2 \gamma \gamma(x) = \frac{\phi(x) - \phi(1)}{3x^2 + 5x + 7 - 4} = 3x^2 + 5x + 3
   3x2+5x+3[x-1
                          \mathcal{E}_{N} = 3\alpha g + 8g = 3.6 + 8.2 = 34 = 1
                                13 CN = 1
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4) Verification

[Ne have,
$$E = 10$$
; $g = 2$; $(2, 6, 7)$; $e(x, y) = x \cdot y$]

 $e(e) = 1$
 $e(e) = 4$
 $e(e) = 4$
 $e(e) = 4$
 $e(e) = 4$
 $e(e) = -4$
 $e($

THE THE PART OF THE WAY