

ECS7012P - Music and Audio Programming

Assignment 1: Synth Filter

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[Vaelimaeki2006]

$$A = \frac{1}{1.3} \cdot x[n] \tag{1}$$

$$B = x[n - 1] \tag{2}$$

$$C = \frac{0.3}{1.3} \cdot B \tag{3}$$

$$D = A + C \tag{4}$$

$$E = y[n - 1] \tag{5}$$

$$F = D - E \tag{6}$$

$$G = g \cdot F \tag{7}$$

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