





GENERAL TORMULA:

$$y(n) = ... y(n-1) ... \times$$

 $-10tial conditions$
 $y(n-1) = ... y(n-2) ...$
 $y(n) = a \cdot y(n-1) + b \cdot x(n)$
 $y(n) = a \cdot (a \cdot y(n-2) + b \cdot x(n-1)) + b \cdot x(n)$
 $= a^2 y(n-2) + b \cdot (x(n) + x(n-1))$
 $y(n) = a \cdot y(n) + b \cdot x(n)$
 $y(n) = a \cdot y(n) + b \cdot x(n)$
 $y(n) = a \cdot y(n) + b \cdot x(n)$

$$M(n) = \dots = \delta$$
 $M(n) = a_1(n-1) + x(n)$
 $M(n) = a_1(n-1) + x(n)$
 $M(n) = a_1 + x(n) + x(n) = a_1 + x(n) + x(n) = a_1 + x(n) + x(n) + x(n) = a_1 + x(n) =$

