3.34 Y y(n) = h(n) + x(n), XIn) = U(n) (12) = H(2) · I(2). X(2) = 1-2-1 RUC: (2)). は イイションラーラーナラ PUL: 1<121<3 1. y(n)=-=(言)"U(n)+是U(n)+是3"U(-n-1) 3.25 (b) h(n) = (=) u(n) X(n) = (=) u(n) + (=) mu(-n-1) Yas(n) = h(n) \* X(n) · => Yas(2) = H(2) · X(2) 1-22 DC: 1217 X(1)= 1-127 1 /(2)= 1-12+ ( T-12+ ) Pec: -</br> ラ(上) nu(n) - 1(よ) nu(n)+な 1 u(-n-1). (c) · Y(z) = -11/27 Y(z) + 1127 Y(z) + X(z) + 2 X(z) 又(七), 又(七)= 1(F)= => y(n)= - = (一立"u(n) - 8(三)"u(n) + 達(三)"u(n)



3.38		JA.
(a) yin) = = = y(n-1) + - = = y(n-2) + xin	n). RUC	: 1975 5/1
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δ(n) ←) Φ(z) = 1 ! (12)= [-]	2 1	ET => RUBLE
= y(n)= 11		
U(n) (-2-1 ) (12) = 8 1-2-1-	- 2 1-22	+ 1 1-42-1, Ruc; 1
=> y(n)= \(\frac{1}{3}\lu(n) -2(\frac{1}{2})^nu(n) + \frac{1}{3}(6)	去)huun.	
(b) y(n)=0-by(n-1)-0.08y(n-2)+	(Ln)	To the
a) 人(チ) = のりを」人(チ)-のの名者をより(チ	+1+1212)	12 10
=> H(+)= (-42+)(1-4.42-1) PUL	: 1717	ut XX
S(A) () Luc: All 地	定.	J. M.
Y(2)=-1-0.22-1+ 1-042-1 RUCKIDE,		1.4) hu(h) -(0.2) hu(l
Un) ( ) [-27, /201: 12/>1, Y(2)= 2	4 1-0.23-1	- 3 1-1.4元十二 1
=) y(n)= = 4(a2) n(n) - 4 (0.4) n(n)+	12 U(n)	loc: 17121
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(m) N = - (n - M = + 1 × - (n)	with	· = moly c=



别! Y(n)= Zy(n-1)- Zy(n-2)+ X(n), X(n)= S(n), Y(-1)=-1, Y(-1)=+ 河山美社: Y(+)= 孝之(Y(+)+之y(-1)]-女之(Y(+)+之y(-1)+之y(-2)) WY KE V(n) = S(n)' 代入 9(-1)=-1, 9(-2)=1, 役到 1200: 12/2 代入 y(-1)= y(-2)=v. 货划 月7 120C: 2. y(n)= 2 (+) nun)- (+, nun) 1-(17)= ]型 11到 ⊕y(n) > yun X(n) Xin). -0. (1-2-1) (1+417-1) (1+4427)(1-0.127)



7(n) + + + + + + + + + + + + + + + + + + +	$\rightarrow \oplus \rightarrow \oplus \rightarrow y(n).$
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