

Vr (s) & ur*(s) Uses Vre ETI														
V*(s) < Valor óptimo														
U* (s) = max & T(s,a,s') [r(s,as') + 7 U*(s')]														
	Algoritmes de programación dinámica													
$T( \circ ) \vee^{t( \circ )} \rightarrow r_{\alpha} \rightarrow \rightarrow r_$														
$T(*(s) = arg max \leq T(s,a,s') [r(s,a,s') + 8 V*(s')]$														
def iteración_ Politicas (MDP, E):  Tt (s)= random(A(s)) USES/ST  Optima = false														
While True:  V" Valor_politica (T, MDP, E)														
Optima = true														
Para Cada S en S/ST:  Conterior = T(S)														
T(s)= arg max & T(s, a,s') + [r(s,a,s')+ V (s')]														
Si TC(s) # conterior														
Si Optima break														
return TC														

1+	lra	ción								
		V*(s) White	= Yandor True: = 0		SE ST		Ø			
			V = V V*(s)	n S/S *(5) = max afAC	<u>\$</u> \$\\\ \\$ \\ \\		a, s') +	Er(s,	a,s')+ '	Y V*(s)]
		for s	1 < E = a = a = a = a = a = a = a = a = a =	break			s') + [	r(S, a	,s')+ T	V*(s)]
0(		YCtur.		2 * \ A	) + 1	PoLinom	rial			