Let's Prace that

G+-V(S+)===+ Vi-+ (Ri++ VV/Si+1)-V(Si)

Let's slant with the RHS.

E Vi-+ (R:41 - V(S:41) - V(S:1)) = G+ + (/V(S++1)-V(S+)) + Y(YV(S++2)-V(S++1)) + T-1+ (YV(S+)-V(S+-1)) = G++ FT-+ (S+)-V(S+) lm (G++ VTV(S+)-V(S+))
= G+-V(S+), if 8 = [0,1)