$$\frac{1}{4} = O \circ (-2V(X - VU^{T})) + \lambda_{0}(U + U^{T})$$

$$= (30) \circ (-2V(X - VU^{T})) + O \circ (2V^{2}) + \lambda_{0}(U + U^{T})$$

$$= \frac{\lambda_{0}}{2} + U + U^{T}$$

$$= \frac{\lambda_{0}}{2} + U + U^{T}$$

$$\frac{dV}{dt} = 0 \circ \left(-2 U^{T}(X - VU^{T})\right) + \lambda_{v}(V + V^{T})$$

$$= 0 \circ \left(2 U^{2T}\right) + \lambda_{v}(V + V^{T})$$

$$= 0 \circ \left(2 U^{2T}\right) + V + V^{T}$$

 V^2 and U^2 are not defined so something most be very wrong...