Exponential moving aveage (EMA)

EMA with

 n lagged period at time t:

emat(P,n)=βPt+β(1−β)Pt−1+β(1−β)2Pt−2+⋯

=βPt+(1−β)emat−1(P,n)

where the smoothing coefficient β is usually

β=2/(n+1)