
```
function F = HypEccAnomFromTrueAnom( theta, e )
%
% Compute the hyperbolic eccentric anomaly given the true anomaly
%
% Inputs:
%   theta    True anomaly (rad)
%   e        Eccentricity
%
% Outputs:
%   F        Hyperbolic eccentric anomaly (rad)
%
F = 2*atanh( sqrt( (e-1)/(e+1) ) * tan(theta/2) );
```

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