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

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