
```
function [thMin, thMax] = TrueAnomalyRange( e, tol )

if( e<1 )
    thMin = -pi;
    thMax = pi;
elseif e==1
    thMin = -pi+tol;
    thMax = pi-tol;
elseif e>1
    thMin = -acos(-1/e)+tol;
    thMax = acos(-1/e)-tol;
end
```

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