```
Netzial propertie
            note:
function [Det] = TES Dynamics Simple(Det);
% Let's calculate the TES bias point characteristics:
% Assumptions:
% 1) beta = 0;
% 2) L -> 0 ... L/R << tau etf
% Calculated:
% I) Tbias -> bias temperature
% 2) alpha
% 3) C -> total TES heat capacity
% 4) Gep -> TES electron/phonon coupling
% 5) tau etf -> TES fall time
% 6) w etf -> TES bandwidth
% 12/9/13 MCP
%%%%%%%%%%%
%\\\\\\ Physical Constants and Invariant Characteristics \\\\\\\\\
pc=PhysicalConstants();
%----- Bias Point Temperature -----
zeta_bias= log(Det.TES.fOp/(I-Det.TES.fOp))/2;
```

%Test Design



