```
function [E2_MM, G12_MM, E2_HT, G12_HT]=HW3_function(E2F, EM, VF,
 G12F, GM, zeta1, zeta2)

VM=1-VF; %Volume Fraction Matrix
```

```
Not enough input arguments.

Error in HW3_function (line 3)
VM=1-VF; %Volume Fraction Matrix
```

Mechanics of Materials Method

E1_MM=E1F*VF+EM*VM; %E1 found with mechanics method

```
E2_MM=(E2F*EM)/(VF*EM+VM*E2F);
G12_MM=(G12F*GM)/(VF*GM+VM*G12F);
```

Halpin-Tsai

```
%E1_HT=E1_MM; %E1 found with Halpin Tsai
eta1=(E2F-EM)/(E2F-zeta1*EM);
E2_HT=EM*((1+zeta1*eta1*VF)/(1-eta1*VF));
eta2=(G12F-GM)/(G12F+zeta2*GM);
G12_HT=GM*(1+zeta2*eta2*VF)/(1-eta2*VF);
```

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