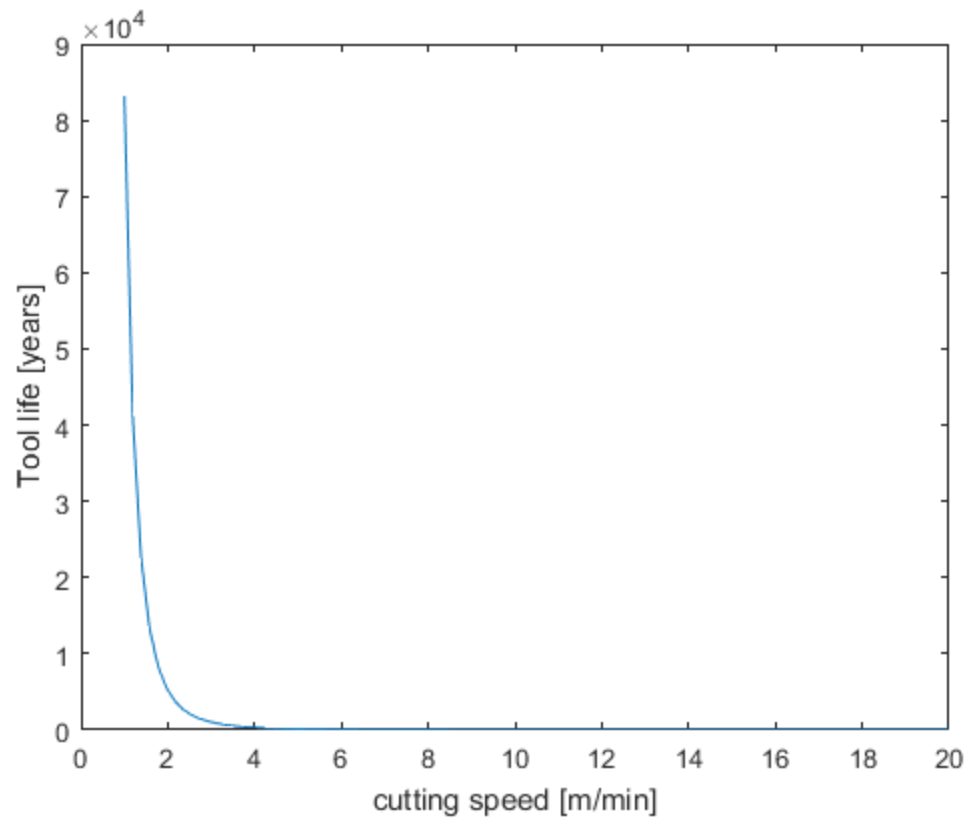

```
clear
close all
clc

C = 1500;      %[ft/min]
v_m = linspace(1,20);    %[m/min]
n = 0.25;
v_ft = v_m*(3.280839895);    %[ft/min]

TL = (C./v_ft).^(1/n)/(60*24*365);

figure
plot(v_m,TL);
xlabel('cutting speed [m/min]')
ylabel('Tool life [years]')
```



Published with MATLAB® R2017a