

BÀI KIỂM TRA

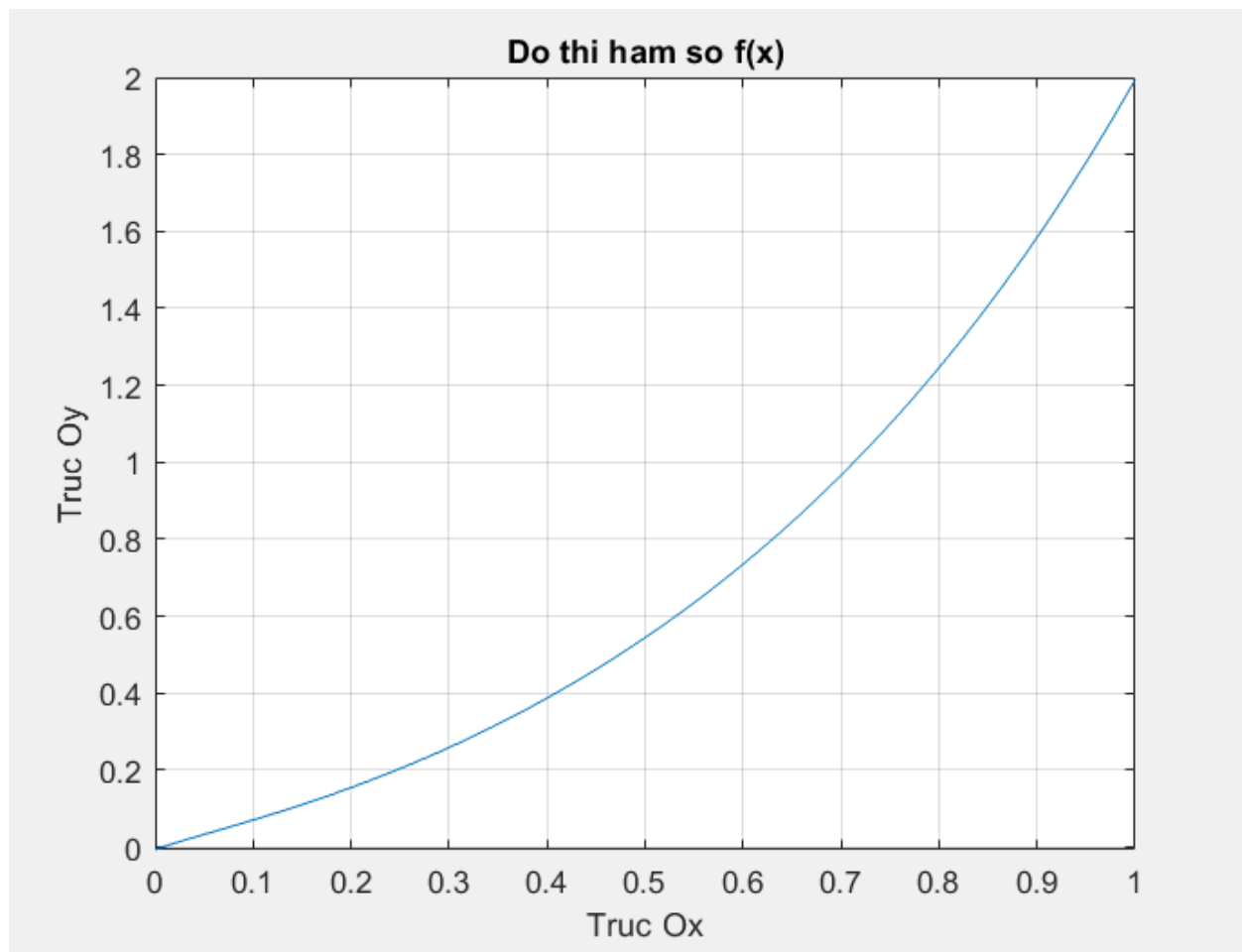
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Bài 1:

```
Command Window
>> MSV = 16;
>> C = 1+0.103648/MSV;
>> f = @(x) (x.^x).*((x.*log(x)+x.^2 - 1)./(x-1))-C;
>> ve = [1e-9, 1-1e-9];
>> figure;
>> fplot(f, ve);
>> title('Do thi ham so f(x)');
>> xlabel('Truc Ox');
>> ylabel('Truc Oy');
>> grid on;
>> hold on;
>> fprintf('Nghiem cua phuong trinh trong khoang (0,1) la: \n');
Nghiem cua phuong trinh trong khoang (0,1) la:
>> fprintf('x=%.10f\n', fzero(f, ve));
    fprintf('x=%.10f\n', fzero(f, ve));
                                ↑
Invalid expression. When calling a function or
indexing a variable, use parentheses. Otherwise,
check for mismatched delimiters.

Did you mean:
>> fprintf('x=%.10f\n', fzero(f, ve));
x=0.0070806992
fx >>
```



```
>> MSV = 16;
>> C = 1+0.103648/MSV;
>> f = @(x) (x.^x).*((x.*log(x)+x.^2 - 1)./(x-1))-C;
>> ve = [1e-9, 1-1e-9];

>> nghiem = fzero(f,ve);
>> fprintf('x=%.10f\n', nghiem);
x=0.0070806992
>> |
```

Bài 2:

Hàm có dạng: $y = a*x^2 + b*x + c$

Bài 1:

$a = -0.147619$

$b = 3.366667$

$c = -13.000000$

$\Rightarrow y = (-0.147619) * x^2 + (3.366667) * x + (-13.000000)$

Bài 2:

$a = 1.002341$

$b = -4.014260$

$c = 5.022148$

$\Rightarrow y = (1.002341) * x^2 + (-4.014260) * x + (5.022148)$

Bài 3:

$a = -0.374405$

$b = 1.036786$

$c = 5.839048$

$\Rightarrow y = (-0.374405) * x^2 + (1.036786) * x + (5.839048)$

>>

Bài 3:

