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```
function [state_dot] = vanderpol( t, state, input )

%states and input
x = state(1);
y = state(2);
u = input;

%equations
x_dot = y;
y_dot = u*(1-x^2)*y-x;

state_dot = [x_dot; y_dot];
end

Not enough input arguments.

Error in vanderpol (line 4)
x = state(1);
```

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