

Ушбу
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MATLAB асослари

The image displays the MATLAB software interface. At the top left, there is a Simulink block diagram with a 'Constant' block (value 1) and a 'Rate Limiter' block. A central 'MATLAB' window shows the command prompt with the following code and output:

```
>>  
>>  
>> neabrane  
>>  
Ready
```

Below the command window, the code for solving a cubic equation is shown:

```
syms a x  
s = solve(x^3+a*x+1);  
fortran(s)  
ans =  
s(1,1) = (-108+12*sqrt(12*a  
#rt(12*a**3+81)))*(1.E0/3.E0)  
s(2,1) = (-108+12*sqrt(12*a**  
#rt(12*a**3+81)))*(1.E0/3.E0)+cn  
#*sqrt(12*a**3+81))*(1.E0/3.  
#(1.E0/3.E0))/2  
s(3,1) = (-108+12*sqrt(12*a**  
#rt(12*a**3+81)))*(1.E0/3.E0)-  
#*sqrt(12*a**3+81))*(1.E0/3.E0)  
#(1.E0/3.E0))/2
```

Two figure windows are visible. The top one, titled 'cos(x) sin(20 x)', shows a 2D plot of a high-frequency oscillation. The bottom one, titled 'Figure No. 1', shows a 3D surface plot of a function.