

```
x" + Ax' + Bx = 0
 12 + Ar + B = 0
D = A2 - 4B
r= -A 1 JA2-4B
1, e 2
1(-A+JA2-4B
12 - 6 5 5 1 - 48
1(1) = C'6 S + C'6 S
+(-++145-4B +(-+-145-4B
1(0)=0,1(0)=1
\int_{1}^{1} \frac{-A + \sqrt{\Lambda^{2} - 4B}}{2} C_{1} e^{\frac{1}{2}(-A + \sqrt{\Lambda^{2} - 4B})} + \frac{-A - \sqrt{\Lambda^{2} - 4B}}{2} C_{2} e^{\frac{1}{2}(-A - \sqrt{\Lambda^{2} - 4B})}
1(0) = C1 + C3 = 0 = C1 = -C3
J'(0) = \frac{-A + \sqrt{A^2 + 4B}}{2}C_1 + \frac{-A - \sqrt{A^2 + 4B}}{2}C_2 = 1 = 0
C_1(-A + \sqrt{A^2 + 4B} + A + \sqrt{A^2 + 4B}) = 1
 \Rightarrow C_1 = \sqrt{\frac{1}{A^2 - 4B}}, C_2 = -\sqrt{\frac{1}{A^2 - 4B}}
1,+31,+41=0
                                                                                                 1"+41'+41=0
```