```
=) \quad A \begin{bmatrix} \lambda \\ \lambda \end{bmatrix} = - P
                                                                                                                                                                                 = \begin{array}{l} (X_{i}^{A}) = A^{-1}(-l_{0}) \\ = \frac{d_{0}k_{1}}{d_{0}k_{1}} = A^{-1}(-l_{0}) \\ = \frac{d_{0}k_{1}}{d_{0}k_{1}} + \frac{d_{0}k_{1}}{d_{0}k_{1}} \frac{d_{0}k_{1}}{d_{
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       \frac{a_{12}}{a_{22}} = \frac{a_{12} b_2 - a_{22}}{a_{11} a_{22} - a_{12}}
                                                                                                                                                                                                                                                                                            \begin{bmatrix} \dot{x} \\ \dot{y} \end{bmatrix} = \begin{bmatrix} -2 & 1 \\ 0 & -2 \end{bmatrix} \begin{bmatrix} x \\ y \end{bmatrix} + \begin{bmatrix} 2 \\ \zeta \end{bmatrix}
                                                                                                                                                                                                                                                                                                                                           \begin{array}{lll} & \underset{\leftarrow}{\text{Lorentz}} & \underset{
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        v = (1) lgewekt
                                                           \frac{1}{2} = -2 + W = \frac{1}{2}
weak forming
\frac{1}{2}(t) = t e^{-2}t
= \frac{1}{2} = \frac{1}{2} = \frac{1}{2} = \frac{1}{2}
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                                               En ander legerals e:
(x,y) = \begin{bmatrix} c^{-2t} & -1 \end{bmatrix}

She have e = \begin{bmatrix} c^{-2t} & -1 \end{bmatrix}

She have e = \begin{bmatrix} c^{-2t} & -1 \end{bmatrix}

e = \begin{bmatrix} c^{-2t} & -1 \end{bmatrix}
                                                                                                                                                                                                                                 \begin{bmatrix} \dot{x} \\ \dot{Y} \end{bmatrix} = \begin{bmatrix} 0 & 2 \\ -1 & 2 \end{bmatrix} \begin{bmatrix} \dot{x} \\ \dot{Y} \end{bmatrix} extraordii | - vektor pariere
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                eve er giv
                                                                                                                                  genused ; ...

die 1+3;

do = 1-1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             = \begin{bmatrix} \frac{1}{2} - \frac{1}{2} \\ \frac{1}{2} + \frac{1}{2} \end{bmatrix}
                                                                       De kompleket lysmings of e^{(1+\epsilon)t} = e^{t} \int_{0}^{e^{(1+\epsilon)}} \frac{dt}{t} dt
= e^{t} \int_{0}^{e^{(1+\epsilon)}} \frac{dt}{t} dt
= e^{t} \int_{0}^{e^{(1+\epsilon)}} \frac{dt}{t} dt + \frac{dt}{t} dt
= e^{(1+\epsilon)t} = e^{-t} \int_{0}^{e^{-t}} \frac{dt}{t} dt
                                   = e^{t} \int_{\frac{1}{2}}^{1} (\cot t) dt
= e^{t} \int_{\frac{1}{2}}^{1} (\cot t) dt
= \frac{1}{2} (e^{(1+t)}t^{v}, + e^{(1-t)}t^{v})
= \frac{e^{t}}{2} \int_{-\infty}^{\infty} (\cot t) dt
= \frac{1}{2} (e^{(1+t)}t^{v}, - e^{(1-t)}t^{v})
                                                                                                                                  = \frac{e^{+}}{2} \left[ cos + du + \frac{1}{2} cos + 
                                                           Tilpas begyndelæst

(x) = cet (cost-
                                                                                                                                                                                                                                 + det [cont + don +] , c
\begin{array}{lll} \lambda_{i}=i, & v_{i}=b_{i}^{*}\\ \lambda_{j}=i, & \lambda_{j}=i, \\ \lambda_{j}=i, \\
                                                                                                                                                                                                                                                                                                                               x = y
y = -2x-y
                                                                                                                                                                                                                                                                    \dot{x} = 0 = y
\dot{y} = -2x \Rightarrow x > 0 \Rightarrow y \neq 0
x < 0 \Rightarrow y \uparrow
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      A > 0 =)
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