Grodytisk oploning I

$$\begin{cases} \nabla \left(z - \sigma \nabla C_{\sigma}(z, \overline{z}) \right) = \begin{cases} 1 \\ (c_{\sigma}, c_{\sigma}) \end{cases} \\ \nabla \left(z - \sigma \nabla C_{\sigma}(z, \overline{z}) \right) = \begin{cases} 1 \\ (c_{\sigma}, c_{\sigma}) \end{cases} \end{cases}$$

$$\begin{cases}
\frac{\partial}{\partial z} \left(z \cdot \sigma_z \cdot \frac{\partial c_v}{\partial z} \right) + \frac{\partial}{\partial z} \left(z \cdot \sigma_z \cdot \frac{\partial c_v}{\partial z} \right) = \int_{z_0}^{z_0} \left(c_v, c_v \right) z
\end{cases}$$

$$(z, z) \rightarrow (\ell, \ell)$$

$$z = e \cos(\theta)$$
 ; $z = e \sin(\theta)$
 $dz = de \cos(\theta) - e \sin(\theta) o(\theta)$; $dz = o(e \sin(\theta) + e \cos(\theta) d\theta$
 $dz^2 = o(e^2 \cos(\theta) - \sin(\theta) d\theta d\theta - d\theta d\theta \sin(\theta) - e \cos(\theta) d\theta^2$
 $dz^2 = de^2 \cos(\theta) - d\theta^2 e \cos(\theta) - 2 d\theta de \sin(\theta)$

$$dz^2 = d\ell^2 \min(e) + d\ell d\theta \cos(\theta) + d\theta d\theta \cos(\theta) - \ell \min(\theta) d\theta^2$$

 $dz^2 = d\ell^2 \min(\theta) - \ell \min(\theta) d\theta^2 + 2 d\theta d\ell \cos(\theta)$

$$\frac{\partial c}{\partial \theta} = \frac{\partial c}{\partial z} \frac{\partial z}{\partial \theta} + \frac{\partial c}{\partial z} \frac{\partial z}{\partial \theta} = -\frac{\partial c}{\partial z} \cdot \min(v) + \frac{\partial c}{\partial z} \cdot \cos(v)$$

$$\frac{\partial c}{\partial e} = \frac{\partial c}{\partial z} \frac{\partial z}{\partial e} + \frac{\partial c}{\partial z} \frac{\partial z}{\partial e} = \frac{\partial c}{\partial z} \cos(e) + \frac{\partial c}{\partial z} \sin(e)$$

$$\frac{\partial C}{\partial \theta} = \mathcal{C}\left(\frac{\partial C}{\partial z} \log(e) - \frac{\partial C}{\partial z} \min(e)\right)$$

$$\frac{\partial C}{\partial \theta} = \frac{\partial C}{\partial z} \log(e) + \frac{\partial C}{\partial z} \min(e)$$

$$\frac{\partial^{2} c}{\partial \theta^{2}} = e^{\left[\left(\frac{\partial^{2} c}{\partial z}\right)^{2} + \frac{\partial^{2} c}{\partial \theta} + \frac{\partial^{2} c}{\partial z \partial z}\right]} + \frac{\partial^{2} c}{\partial z \partial z} + \frac{\partial^{2} c}{\partial z} + \frac{\partial^{2} c}{\partial z \partial z} + \frac{\partial^{2} c}{\partial \theta} + \frac{\partial^{2} c}{\partial z \partial z} + \frac{\partial^{2} c}{\partial \theta} + \frac{\partial^{2} c}{\partial z \partial z} + \frac{\partial^{2} c}{\partial \theta} + \frac{\partial^{2} c}{\partial z \partial z} + \frac{\partial^{$$

$$\left(\frac{\partial^{2} (}{\partial \theta^{2}} = \frac{\partial^{2} (}{\partial z^{2}} e^{2} \cos(e)^{2} - 2 \frac{\partial^{2} (}{\partial z^{2}} e^{2} \sin(e) \cos(e) + \frac{\partial^{2} (}{\partial z^{2}} e^{2} \sin(e)^{2} - e \frac{\partial (}{\partial z} \sin(e) - e \frac{\partial (}{\partial z} \cos(e)^{2})\right)$$

$$\frac{\partial^2 c}{\partial e^2} = \left(\frac{\partial^2 c}{\partial z^2} \frac{\partial z}{\partial \varrho} + \frac{\partial^2}{\partial z} \frac{\partial z}{\partial \varrho} \frac{\partial z}{\partial \varrho}\right) \quad \omega_0(\varrho)$$

$$+ \left(\frac{\partial^2 c}{\partial z^2} \frac{\partial z}{\partial \varrho} + \frac{\partial^2 c}{\partial z \partial z} \frac{\partial z}{\partial \varrho}\right) \quad \omega_0(\varrho)$$

$$\frac{\partial^2 \zeta}{\partial e^2} = \frac{\partial^2 \zeta}{\partial z^2} \cos^2(e) + \frac{\partial^2 \zeta}{\partial z^2} \sin^2(e) + 2 \sin(e) \cos(e) \frac{\partial^2 \zeta}{\partial z \partial e}$$

$$\frac{\partial \mathcal{L}}{\partial \theta} = \mathcal{C}\left(\frac{\partial \mathcal{L}}{\partial z} \log(\theta) - \frac{\partial \mathcal{L}}{\partial z} \min(\theta)\right)$$

$$\frac{\partial \mathcal{L}}{\partial \theta} = \frac{\partial \mathcal{C}}{\partial z} \log(\theta) + \frac{\partial \mathcal{L}}{\partial z} \min(\theta)$$

$$\frac{\partial^{2} \mathcal{L}}{\partial \theta^{2}} = \frac{\partial^{2} \mathcal{L}}{\partial z^{2}} \log^{2}(\theta) + \frac{\partial^{2} \mathcal{L}}{\partial z^{2}} \min^{2}(\theta) + 2 \min(\theta) \log(\theta) \frac{\partial^{2} \mathcal{L}}{\partial z \partial \theta}$$

$$\frac{\partial^{2} \mathcal{L}}{\partial \theta^{2}} = \frac{\partial^{2} \mathcal{L}}{\partial z^{2}} e^{2} \log(\theta)^{2} - 2 \frac{\partial^{2} \mathcal{L}}{\partial z \partial z} e^{2} \min(\theta) \log(\theta) + \frac{\partial^{2} \mathcal{L}}{\partial z^{2}} e^{2} \min(\theta)^{2}$$

$$- e^{2} \frac{\partial \mathcal{L}}{\partial z} \min(\theta) - e^{2} \frac{\partial \mathcal{L}}{\partial z} \log(\theta)$$

$$\frac{\partial^2 (\omega)}{\partial z^2} + \frac{\partial^2 (\omega)}{\partial z^2} \cdot z + \frac{\partial^2 (\omega)}{\partial z^2} \cdot z + \frac{\partial^2 (\omega)}{\partial z^2} = \int_{z_0}^{z_0} (\omega, \omega) z$$

95 J

$$\left(-\frac{\partial C}{\partial z} \text{ wo}(e) + \frac{\partial C}{\partial z} \text{ mi}(e)\right) + \left(\frac{\partial C}{\partial z} \text{ wo}(e) + \frac{\partial C}{\partial z} \text{ mile}\right)$$

$$= \frac{\partial C}{\partial z} \left(\text{ mile} + \text{ cosle}\right) + \frac{\partial C}{\partial z} \left(\text{ mile} - \text{ cosle}\right)$$

$$\left(-\frac{\partial C}{\partial z} \log(0) + \frac{\partial C}{\partial z} \sin(0) \right) \left(\frac{\partial C}{\partial z} \log(0) + \frac{\partial C}{\partial z} \sin(0) \right)$$

$$= -\frac{\partial C}{\partial z} \frac{\partial C}{\partial z} \log(0)^2 + \frac{\partial C}{\partial z} \frac{\partial C}{\partial z} \sin(0)^2 - \frac{\partial C}{\partial z} \frac{\partial C}{\partial z} \log(0) \sin(0)$$

$$+ \frac{\partial C}{\partial z} \frac{\partial C}{\partial z} \cos(0) - \frac{\partial C}{\partial z} \sin(0)$$

$$\frac{\partial C}{\partial z} = \frac{\partial C}{\partial z} \log(0) + \frac{\partial C}{\partial z} \sin(0)$$

$$\left(\frac{\partial C}{\partial z} - \frac{\partial C}{\partial z} \cos(0) + \frac{\partial C}{\partial z} \sin(0) \right)$$

$$\left(\frac{\partial C}{\partial z} - \frac{\partial C}{\partial z} \sin(0) \right) / \cos(0) = \frac{\partial C}{\partial z}$$

$$\left(\frac{1}{c} \frac{\partial C}{\partial z} + \frac{\partial C}{\partial z} \sin(0) \right) / \sin(0) = \frac{\partial C}{\partial z}$$

$$- \left(\frac{1}{c} \frac{\partial C}{\partial z} - \frac{\partial C}{\partial z} \cos(0) \right) / \sin(0) = \frac{\partial C}{\partial z}$$

$$\frac{\partial C}{\partial z} - \frac{\partial C}{\partial z} \sin(0) = \frac{-1}{c} \frac{\partial C}{\partial z} \cos(0)$$

$$\frac{\partial C}{\partial z} \sin(0) = \frac{\partial C}{\partial z} \cos(0)$$

$$\frac{\partial C}{\partial z} \sin(0) + \frac{1}{c} \frac{\partial C}{\partial z} \cos(0) = \frac{\partial C}{\partial z}$$

$$\frac{\partial C}{\partial z} \sin(0) + \frac{1}{c} \frac{\partial C}{\partial z} \cos(0) = \frac{\partial C}{\partial z}$$

$$\frac{\partial C}{\partial z} \cos(0) + \frac{\partial C}{\partial z} \cos(0) = \frac{1}{c} \frac{\partial C}{\partial z} \cos(0)$$

$$\frac{\partial C}{\partial z} \sin(0) + \frac{1}{c} \frac{\partial C}{\partial z} \cos(0) = \frac{1}{c} \frac{\partial C}{\partial z} \sin(0)$$

$$\frac{\partial C}{\partial z} \cos(0) - \frac{\partial C}{\partial z} \cos(0) = \frac{1}{c} \frac{\partial C}{\partial z} \sin(0) + \frac{\partial C}{\partial z} \sin(0)$$

$$\frac{\partial C}{\partial z} \cos(0) - \frac{\partial C}{\partial z} \cos(0) = \frac{1}{c} \frac{\partial C}{\partial z} \sin(0) + \frac{\partial C}{\partial z} \sin^2(0)$$

$$\frac{\partial C}{\partial z} \cos(0) - \frac{\partial C}{\partial z} \cos(0) = \frac{1}{c} \frac{\partial C}{\partial z} \sin^2(0) + \frac{\partial C}{\partial z} \sin^2(0)$$

$$\frac{\partial C}{\partial z} \cos(0) - \frac{\partial C}{\partial z} \cos(0) = \frac{1}{c} \frac{\partial C}{\partial z} \sin^2(0) + \frac{\partial C}{\partial z} \sin^2(0)$$

$$\frac{\partial C}{\partial z} \cos(0) - \frac{\partial C}{\partial z} \cos(0) = \frac{1}{c} \frac{\partial C}{\partial z} \sin^2(0) + \frac{\partial C}{\partial z} \sin^2(0)$$

$$\frac{\partial C}{\partial z} \cos(0) - \frac{\partial C}{\partial z} \cos(0) = \frac{1}{c} \frac{\partial C}{\partial z} \sin^2(0) + \frac{\partial C}{\partial z} \sin^2(0)$$

$$\frac{\partial C}{\partial z} \cos(0) - \frac{\partial C}{\partial z} \cos^2(0) = \frac{1}{c} \frac{\partial C}{\partial z} \sin^2(0) + \frac{\partial C}{\partial z} \sin^2(0)$$

$$\frac{\partial C}{\partial z} \cos^2(0) - \frac{\partial C}{\partial z} \cos^2(0) = \frac{1}{c} \frac{\partial C}{\partial z} \sin^2(0) + \frac{\partial C}{\partial z} \sin^2(0)$$

$$\frac{\partial C}{\partial z} \cos^2(0) - \frac{\partial C}{\partial z} \cos^2(0) + \frac{\partial C}{\partial z} \cos^2(0)$$

$$\frac{\partial C}{\partial z} \cos^2(0) - \frac{\partial C}{\partial z} \cos^2(0) + \frac{\partial C}{\partial z} \cos^2(0)$$

$$\frac{\partial C}{\partial z} \cos^2(0) - \frac{\partial C}{\partial z} \cos^2(0) + \frac{\partial C}{\partial z} \cos^2(0)$$

$$\frac{\partial C}{\partial z} \cos^2(0) - \frac{\partial C}{\partial z} \cos^2(0) + \frac{\partial C}{\partial z} \cos^2(0)$$

$$\frac{\partial C}{\partial z} \cos^2(0) - \frac{\partial C}{\partial z} \cos^2(0) + \frac{\partial C}{\partial z} \cos^2(0)$$

$$\frac{\partial C}{\partial z} \cos^2(0) - \frac{\partial C}{\partial z} \cos^2(0) + \frac{\partial C}{\partial z} \cos^2(0)$$

$$\frac{\partial C}{\partial z} = \frac{\partial C}{\partial e} \cos(e) - \frac{1}{e} \frac{\partial C}{\partial e} \sin(e)$$

$$Z \nabla \cdot \left(\frac{\partial^2 C}{\partial z^2} + \frac{\partial^2 C}{\partial z^2} \right) = e \cos(e) \nabla \cdot \left(\frac{\partial^2 C}{\partial e^2} + \frac{1}{e} \frac{\partial C}{\partial e} + \frac{1}{e^2} \frac{\partial^2 C}{\partial e^2} \right)$$

$$\overline{U} \cdot \frac{\partial CU}{\partial z} + \overline{U} \cdot z \left(\frac{\partial^2 CU}{\partial z^2} + \frac{\partial^2 CU}{\partial z^2} \right) = \int_{0}^{1} \left(C_{U_1} C_{U_2} \right) dz$$

$$\overline{\sigma} \cdot \frac{\partial C_{\nu}}{\partial e} \omega_{\sigma}(\theta) + \overline{\sigma} \cdot e \omega_{\sigma}(\theta) \left(\frac{\partial^{2} C_{\nu}}{\partial e^{2}} + \frac{1}{e} \frac{\partial C_{\nu}}{\partial e} \right) = \int^{1} (C_{\nu}, C_{\nu}) d\theta$$

$$2 \cdot \overline{\sigma} \cdot \frac{\partial \mathcal{L}}{\partial \mathcal{C}} \quad \omega_{\sigma}(\mathcal{C}) + \overline{\sigma} \cdot \mathcal{C} \cdot \omega_{\sigma}(\mathcal{C}) \quad \frac{\partial^{2} \mathcal{L}}{\partial \mathcal{C}^{2}} = \int^{1} (\mathcal{L}_{r}, \mathcal{L}_{r})^{2}$$

$$2 \cdot \overline{\sigma} \cdot \frac{\partial C_{\nu}}{\partial e} \cos(e) + \overline{\sigma} \cdot C \cos(e) \frac{\partial^{2} C_{\nu}}{\partial e^{2}} = -\int^{2} (G_{\nu}, G_{\nu})_{2}$$

Best oploning:

$$2 \overline{\partial} \cdot \frac{\partial C}{\partial e} \cdot \frac{1}{e} + \overline{\partial} \cdot \frac{\partial^2 C}{\partial e^2} = \int_0^{\infty} (C_1, C_2) dx$$

A.
$$(v = e^2 - 1 + 6a)$$
, $(w = -e^2 + 1 + 6a) = 0$ CORRECT.

 $\int_{0}^{1} (a, a) = 6 \sigma_{0}$, $\int_{0}^{2} (a, a) = 6 \sigma_{0}$

$$\beta . \qquad \alpha = e^2 - \omega \omega = \frac{e^2}{1+\omega}$$

$$2 \overline{\partial} \cdot \frac{\partial \mathcal{L}}{\partial e} \cdot \frac{1}{e} + \overline{\partial} \cdot \frac{\partial^2 \mathcal{L}}{\partial e^2} = \int^2 (\mathcal{L}, \mathcal{L})$$

$$2 \overline{\partial} \cdot \frac{\partial \mathcal{L}}{\partial e} \cdot \frac{1}{e} + \overline{\partial} \cdot \frac{\partial^2 \mathcal{L}}{\partial e^2} = -\int^2 (\mathcal{L}, \mathcal{L})$$

B.
$$\alpha = \frac{e^2}{1+6}$$

 $C_v = -\frac{e^2}{1-6}$
 $C_v = -\frac{e^2}{1-6}$

$$\frac{1}{1+c_{v}} = \frac{6\sigma}{1+c_{v}} \qquad \frac{2}{3c_{v}} = \frac{-6\sigma}{(1+c_{v})^{2}}$$

$$\int_{0}^{2} = \frac{6\sigma}{1-6}$$

$$\frac{\partial^2}{\partial C_0} = \frac{6\sigma}{(1-C_0)^2}$$