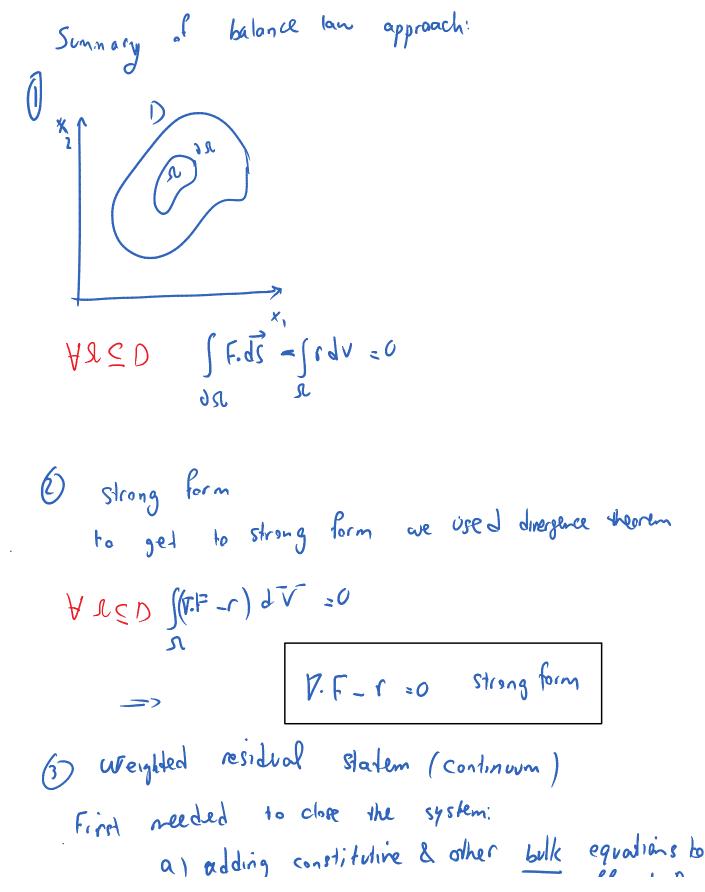
## 01/28/2014

Tuesday, January 28, 2014 11:39 AM



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$$\int \mathcal{E}(w) \ d(u) dv - \int w. \ t \ ds = 0$$

$$\partial D_{f}$$

$$u \in V = \left\{ \left( \begin{array}{c} \mathcal{O}(D) \\ \mathcal{O}(D) \end{array} \right) | \ u(T_{u}) = \overline{u}(T_{u}) \right\}$$

$$\forall w \in \mathcal{M} = \left\{ \begin{array}{c} \mathcal{O}(D) \\ \mathcal{O}(D) \end{array} \right\} | \ w(T_{u}) = 0 \right\}$$

$$cycak \ slatened \ balances \ differentiability \ requirements$$

$$Why \ having \ minus \ sign \ when \ braning \ the \ energ \ of \ a \ system?$$

$$Why \ having \ minus \ sign \ when \ braning \ the \ energ \ of \ a \ system?$$

$$T = \frac{1}{2}k_{1}^{-2} + \frac{1}{2}k_{2}^{-2} = \frac{1}{2}m_{1}^{-2}$$

$$T = mg \ y$$

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$$T = mg y$$

$$F = -\nabla TT = \begin{bmatrix} -\frac{3}{6} n \\ -\frac{3}{6} n \\ -\frac{3}{6} n \end{bmatrix} = \begin{bmatrix} 0 \\ -mg \end{bmatrix}$$

$$Finding the space of the increments$$

$$T(y) \leq TT(y) \qquad 0 \qquad \int sy(t) = -\Delta$$

$$g(t) = -\Delta = g(t) + sg(t) = -\Delta$$

$$Sy(t) = -\Delta = (-\Delta) = 0$$

$$F(t) = -\Delta = (-\Delta) = 0$$

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