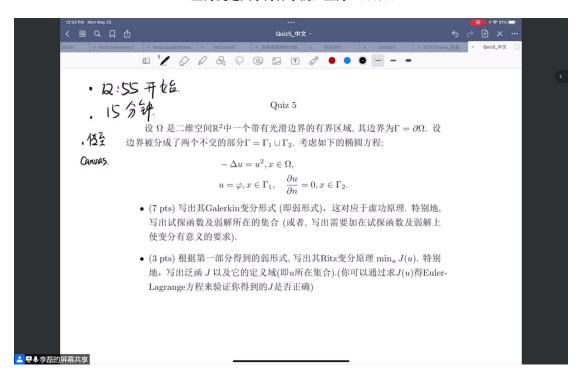


## Quiz 5 (2022-05-23)

## 危国锐 120034910021

(上海交通大学海洋学院,上海 200030)





weiguorui@sjtu.edu.cn 2 / 3 2022-05-23 13:11:00



Therefore

$$T(u) = \int_{\Omega} \int_{\Omega} |\nabla u|^{2} dx + \int_{\Omega} \frac{1}{7}u^{3} dx, \quad u \in \mathbb{K}$$

$$= \nabla \cdot (u + u) + \int_{\Omega} u^{2} dx = \int_{\Omega}$$