

Exercises

E.8.25 [OH9] Topics: boundary. Difficulty: *.

Given X topological space and $A \subseteq X$; if A is open (or closed) the boundary ∂A has empty interior; we have $\partial A \supseteq \partial \partial A$ with equality if ∂A has empty interior; in addition $\partial \partial A = \partial \partial \partial A$.

Solution 1. [OHB]