

Lezione 2 Fisica Matematica

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0.1 Ricordiamo

$$H = \{u \in C((0, T) \times (0, L)) \cap C([0, T] \times [0, L]), u(0, x) = u_0(x), u(T, x) = u_0(x) \forall x \in [0, L], u(t, 0) = u(t, L) = 0 \forall t \in [0, T]\}$$

$$\tilde{H}_0 = \{h \in C([0, T] \times [0, L]), h(0, x) = h(T, x) = 0, h(t, 0) = h(t, L) = 0 \forall t \in [0, T]\}.$$