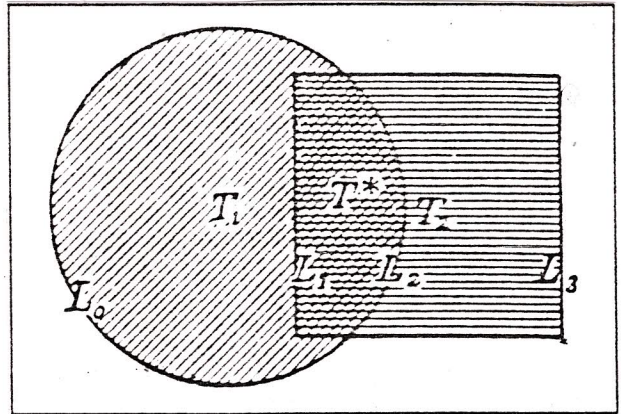


- H. Schwarz (1869):  $\exists$  harmonic functions on region with nonsmooth boundaries



Herman Schwarz (1843-1921)



$$(1) \quad \begin{cases} -\Delta u(x) = f(x) \equiv 0, & x \in \Omega \\ u(x) = g(x), & x \in \partial\Omega \end{cases}$$

$$\bar{\Omega} = \bar{\Omega}_1 \cup \bar{\Omega}_2$$

$\uparrow$                        $\uparrow$   
 simple domains  
 $\exists$  is known

