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representation theorem for compact metric spaces

 ${\bf Canonical\ name} \quad {\bf Representation Theorem For Compact Metric Spaces}$

Date of creation 2013-03-22 14:40:02 Last modified on 2013-03-22 14:40:02

Owner matte (1858) Last modified by matte (1858)

Numerical id 8

Author matte (1858)
Entry type Theorem
Classification msc 54D30
Classification msc 54E35
Related topic Dimension3
Related topic CantorSet

Related topic HahnMazurkiewiczTheorem

 ${\bf Theorem.}\ Every\ compact\ metric\ space\ is\ a\ continuous\ image\ of\ the\ Cantor\ set.$

References

[1] S. Willard, *General Topology*, Addison-Wesley, Publishing Company, 1970.