

Search or Article-id (Help | Advanced search) arXiv.org > math > arXiv:1107.1508 - Go! All papers Mathematics > General Topology Download: Source A note on ANR's Current browse context: math.GN Piotr Niemiec < prev | next > (Submitted on 7 Jul 2011 (v1), last revised 24 Sep 2011 (this version, v2)) new | recent | 1107 Change to browse by: It is shown that if for a complete metric space \$(X,d)\$ there is a constant math $\epsilon = 0$ such that the intersection $\delta = 0^{-1}^n B_d(x_i,r_i)$ of open balls is nonempty for every finite system \$x_1,...,x_n \in X\$ of centers References & Citations and a corresponding system of radii $r_1,...,r_n > 0$ such that $d(x_j,x_k)$ NASA ADS \leqsl \epsilon\$ and $d(x_{j,x_k}) < r_{j} + r_{k} (j,k = 1,...,n)$, then \$X\$ is an ANR; and if in the above one may put \$\epsilon = \infty\$, the space \$X\$ is an Bookmark(what is this?) AR. A certain criterion for an incomplete metric space to be an A(N)R is 📃 💿 🗶 💀 🖬 🔚 😴 presented. Comments: The paper has been withdrawn by the author because of its publication in Topology Appl General Topology (math.GN) Subjects:

MSC classes:Primary 55M15, 54C55, Secondary 54E40,
54E50Journal reference:Topology Appl. 159 (2012), 315-321Cite as:arXiv:1107.1508 [math.GN]
(or arXiv:1107.1508v2 [math.GN] for this version)

Submission history

From: Piotr Niemiec [view email] [v1] Thu, 7 Jul 2011 20:12:05 GMT (29kb) [v2] Sat, 24 Sep 2011 08:19:48 GMT (0kb,l)

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