Re: cl(bigcap_{1<=q<=infty} L^q) = L^p

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If we denote by Cc(R) all continuous functions with compact support,
then the set Cc(X) is dense subset of L^p. (Rudin: Real and Complex
Analysis, Theorem 3.14)
Since Cc(X) belongs to each L^p, we arrive to your conclusion − this is
another possibility for the proof.
Martin

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- ***Follow−Ups***:
    - ***Re: cl(bigcap_{1<=q<=infty} L^q) = L^p***
        - *From:* David C . Ullrich
    - ***Re: cl(bigcap_{1<=q<=infty} L^q) = L^p***
        - *From:* Kira Yamato
- ***References***:
    - ***cl(bigcap_{1<=q<=infty} L^q) = L^p***
        - *From:* Kira Yamato
- Prev by Date: ***[OT] Was: Independence proof of Euclid's 5th postulate***
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