

1079-51-61

Jerzy Dydak and **Atish Mitra*** (atish.mitra@gmail.com), St Petersburg, FL 33701. *Large Scale Absolute Extensors.*

For any metric space we define the concept of large scale absolute extensors of that space and study their properties. We give several characterizations of large scale absolute extensors and relate this concept with other approaches to asymptotic extensors. We relate this new concept to asymptotic dimension of M.Gromov and discuss some applications. (Received December 13, 2011)