

1094-52-123

Patrick Kipley Spencer* (patrick.spencer@mizzou.edu), 202 Mathematical Sciences Bldg,
University of Missouri, Columbia, MO 65203. *A note on intersection bodies and Lorentz balls in
dimensions greater than 4.*

We show that the unit ball of the n -dimensional Lorentz space $l_{n,w,q}$ is not an intersection body for $q > 2$ and $n \geq 5$. (Received August 17, 2013)