amsfonts amssymb amsthm amsmath caption [inline]enumitem itemsep=0em, topsep=0em, parsep=0em [enumerate]label=(*) etoolbox stmaryrd [dvipsnames]xcolor editcolourrgb0.7,0.1,0 hrefcolourrgb0,0,0.7 Ameliargb1,0,0█ Chandrikargb0,1,0 Danielrgb0,0,1 []hyperref colorlinks, linkcolor=hrefcolour, citecolor=hrefcolour, urlcolor=hrefcolour█ graphicx assets/ mathtools tikz matrix, arrows, shapes, decorations.markings, decorations.pathreplacing

[1]1 [1]1 [1]1

R R Z /2 N S §S D D RP RP

≡ ≃:||||

: ⇒[1]1[1]1

Hom id colim

Amelia AMELIA: Chandrika CHANDRIKA: Daniel DANIEL:

theoremTheorem[section] lemma[theorem]Lemma proposition[theorem]Proposition corollary[theorem]Corollary█ remark remark[theorem]Remark notation[theorem]Notation

definition example[theorem]Example definition[theorem]Definition

tocdepth1

The Borsuk-Ulam theorm in real-cohesive homotopy type theory Daniel Cicala Chandrika Sadanand Michael Shulman Amelia Tebbe abstract Boooooooorrrrrrrsssssssuuuuuuuukkkkkkkk uuuuuuuullllllllaaaaaam-mmmmmm

1