List of Tables

Table 2.1: Stratigraphic succession of the IMR of Northeast India

Table 2.2: Simplified tectono-stratigraphic sequence of the IMR of Northeast India

Table 4.1: Crustal shortening values across the IMR of Northeast India.

Table 4.2: End points of the different profile sections used for calculation of the final length

Table 4.3: Calculation of final length \( L_f \)

Table 4.4: Calculation of areas of the ASTER GDEM imagery profiles

Table 4.5: Calculation of \( e \% \)

Table 4.6: Locations and shortening values of local folds

Table 4.7: Comparison of shortening values of localized inferred folds and regional shortening

Table 4.8: Depth to detachment calculated from inferred folds and regional shortening

Table 5.1: Calculation of pole of rotation from the zone of maximum shortening

Table 5.2: Calculation of pole of rotation from GPS data

Table 5.3: Calculation of pole of rotation from data of GPS campaign in Manipur

Table 5.4: Calculation of original position of Endpoint A

Table 5.5: Pole of rotations plotted on Figs. 5.9 & 5.10

Table 6.1: Molspin magnetometer data for TDM blanket studies

Table 6.2: Molspin magnetometer data for AfD Blanket studies

Table 6.3: Corrected magnetic components and site locations of Table 6.1

Table 6.4: Corrected magnetic components and site locations of Table 6.2

Table 6.5: Locations of VGP calculated from TDM data

Table 6.6: Locations of VGP calculated from AfD data

Table 6.7: Paleo-latitudes of the positive inclinations

Table 7.1: Stratigraphic succession of Naga Hills and Chindwin Basin,

Table 7.2: Some major earthquakes in the NE-India in the recent past