

## Vita

Kiran Kumar Gullapalli was born in Machilipatnam, India on October 15, 1967, the son of G. Satyavati and G. Bhaskar Rao. In June 1989, he received the degree of Bachelor of Technology in electrical engineering from the Indian Institute of Technology, Madras. In August 1991, he received the M.S. degree in electrical engineering from the University of Texas at Austin.

Permanent address: 11701 Metric Blvd, Apt. 1236  
Austin, TX 78758  
U.S.A.

This dissertation was typeset with L<sup>A</sup>T<sub>E</sub>X<sup>†</sup> by the author.

---

<sup>†</sup>L<sup>A</sup>T<sub>E</sub>X is a document preparation system developed by Leslie Lamport as a special version of Donald Knuth's T<sub>E</sub>X Program.