

Vita

Doohwan Lee

The author, Doohwan Lee was born in Taejon, The Republic of Korea in 1971. He received his undergraduate education at Chungnam National University in Taejon, South Korea in Chemical Engineering. After completion of his B.S. in 1997, he started graduate study at Virginia Tech in the department of chemical engineering. This dissertation completes the requirements for his Ph.D. degree and he is expected to graduate from Virginia Tech in Aug 2003.