

# Contents

1. Introduction	1
2. The Untold Story	11
3. Biography of Herbert Kroemer	15
4. The Nobel Lecture	22
5. Publications List	43
6. Herbert Kroemer: Oral History	75
7. Not Just the Blue Sky	99
8. Reprinted Articles	105
8.1 General Principles of Heterostructures and HBTs	
8.2 Hot-Electron Negative Resistance Effects	
8.3 GaAs and GaP on Si and Related Topics	
8.4 Superconductor-Semiconductor Hybrids	
9. Herbert Kroemer on Nanotechnology	370