

CONTENTS

CHAPTER I / The Titanium-Titanium Carbide System	1
CHAPTER II / The Zirconium-Zirconium Carbide System	18
CHAPTER III / The Hafnium-Hafnium Carbide System	35
CHAPTER IV / The Vanadium-Vanadium Carbide System	47
CHAPTER V / The Niobium-Niobium Carbide System	61
CHAPTER VI / The Tantalum-Tantalum Carbide System	82
CHAPTER VII / The Chromium-Chromium Carbide System	102
CHAPTER VIII / The Molybdenum-Molybdenum Carbide System	122
CHAPTER IX / The Tungsten-Tungsten Carbide System	143
CHAPTER X / The Thorium-Thorium Dicarbide System	155
CHAPTER XI / The Uranium-Uranium Dicarbide System	171
CHAPTER XII / The Plutonium-Plutonium Dicarbide System	214
CHAPTER XIII / Discussion	225