

Table of Contents

Table of Contents

Preface

Acknowledgement

Bio-Data of Editor

Radiation Damage in Some Refractory Metals

R.P. Agarwala 1

a. Neutron Irradiated Recovery in V-2% Zr Alloy

R.P. Agarwala 13

B. Oxygen Interaction in Irradiated Dilute Vanadiumalloys

a. Helium Ion Damage in Vanadium-2% Zirconium Alloys

R.P. Agarwala 22

b. Recovery of Helium Ion Irradiated Molybdenum

Surface Ion Damage of Refractory Coatings

R.P. Agarwala 31

i) Carbon Coatings

ii) Titanium Carbide Coatings

iii) Effect of Deuterium Ion Bombardment on Boron Coatings. iv) Deuterium Ion Bombardment Behaviour of Aluminacoatings

41

v) Aluminium Oxy-Nitride Coatings

Recovery of Fast Neutron Irradiation of A-203 Steel

R.P. Agarwala 46

Study of Swelling of Vanadium on High Neutron Irradiation

R.P. Agarwala 56