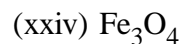
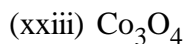
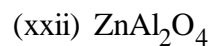
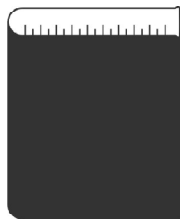


Coordination Complex (CFT Spinel)

1. Predict whether λ value for these spinels is equal to zero or not.





Coordination Complex (CFT Spinel) Solution

1. Predict whether λ value for these spinels is equal to zero or not.

	λ		λ
(i) MgAl_2O_4	0	(ii) FeAl_2O_4	0
(iii) NiAl_2O_4	0.38	(iv) ZnCr_2O_4	0
(v) MnAl_2O_4	0	(vi) CoAl_2O_4	0
(vii) NiCr_2O_4	0	(viii) ZnFe_2O_4	0
(ix) MgCr_2O_4	0	(x) FeCr_2O_4	0
(xi) NiFe_2O_4	0.5	(xii) ZnMn_2O_4	0
(xiii) MnCr_2O_4	0	(xiv) CoCr_2O_4	0
(xv) CuCr_2O_4	0	(xvi) ZnCo_2O_4	0
(xvii) Mn_3O_4	0	(xviii) Fe_3O_4	0.5
(xix) CuFe_2O_4	0.5	(xx) MgFe_2O_4	0.45
(xxi) CoFe_2O_4	0.5	(xxii) ZnAl_2O_4	0
(xxiii) Co_3O_4	0	(xxiv) Fe_3O_4	0.5