CHAPTER VI

SUGGESTIONS FOR FURTHER WORK

There is considerable acope for further work on this topic, since only very general rules exist regarding which of the theories available (if any) is applicable to a given case of complex leading.

Thus the present emportments could be reposted for some of the common Aluminium alloys, also Copper and Bronze.

Also a much higher internal pressure sould be used together with testpieces having a greater well thickness, thus introducing a third principal stress value.

A higher internal pressure with the existing testphones would give more points in the first quardrant of the $\frac{d_1}{d_2}$ vs. $\frac{d_2}{d_2}$ graph, which is highly desirable sizes the various theories diverge more and more in this direction, enabling the appropriate one to be seen more clearly.

A further extension of the tests which would bring the conditions more in line with actual . working conditions would be the addition of cyclic loading and possibly a small furnace for experiments at elevated temperatures.