

Abstract

1. Amplifier with a tuned output transformer.

2.1 Amplifiers with a tuned output transformer are used for correcting the gullwing defect in colour television sets. The correction current consists of two cosine oscillations per line period. After the correction of this defect, a residual defect is still produced which is referred to as the bending defect and is represented as line ends bent towards the centre of the picture.

2.2 At the start and at the end of the line period, the negative feedback of the amplifier is reduced compared to the middle of the line period, so that the amplitude of the correction current for eliminating the gullwing defect is reduced at the middle of the line.

2.3 This arrangement is particularly suitable for colour television sets with ultraflat tubes.

3. Figure 2

This Sheet Has Been Replaced

