



Plate 1 Electron microscope photograph (electron micrograph) of a stereo record groove after playing at 3 gm tracking-weight with a pick-up with a 0.0006 in. stylus. The groove walls show only faint impressions of the stylus path (where indicated by X^1 and X^2). These impressions are in the form of a slight smoothing of asperities. (In spite of the fair modulation neither is there any detectable distortion of the waveform. This is because the pick-up also has a low tip mass (0.6 mgm).) (See pp. 28 and 38.)