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This report (1 January - 31 March 1977) is one of a regular series on the status and progress of studies on the nature of speech, instrumentation of its investigation, and practical applications. Manuscripts cover the following topics:

- Dissociation Spectral, Temporal Cues to Voicing Distinction in Initial Stop Consonants
- Perceptual Integration and Selective Attention in Speech Perception: Further Experiments on Intervocalic Stop Consonants
- Phonetic Recoding and Reading Difficulty in Beginning Readers
- Interactive Experiments with Digital Pattern Playback
- Function of Strap Muscles in Speech: Pitch Lowering or Jaw Opening?
- Geniohyoid and Role of Strap Muscles in Pitch Control
- Syllable Synthesis
- Articulatory Movements in VCV Sequences
- Measuring Laterality Effects in Dichotic Listening
- Simple Model of Response Selection in Dichotic Two-Response Paradigm
- Acoustic Correlates of Perceived Prominence in Unknown Utterances
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