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Ergonomics — Construction and application of tests for speech technology

*Ergonomie — Élaboration et mise en œuvre des tests des systèmes de
technologie de la parole*



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Foreword

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

In exceptional circumstances, when a technical committee has collected data of a different kind from that which is normally published as an International Standard ("state of the art", for example), it may decide by a simple majority vote of its participating members to publish a Technical Report. A Technical Report is entirely informative in nature and does not have to be reviewed until the data it provides are considered to be no longer valid or useful.

Attention is drawn to the possibility that some of the elements of this Technical Report may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO/TR 19358 was prepared by Technical Committee ISO/TC 159, *Ergonomics*, Subcommittee SC 5, *Ergonomics of the physical environment*.

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Introduction

This Technical Report advises on methods for determining the performance of speech-technology systems (automatic speech recognizers, text-to-speech systems and other devices that make use of the speech signal) and on selecting appropriate test procedures.

Human-to-human speech communication is not included in this Technical Report but is covered by ISO 9921.