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Australian Standard<sup>®</sup>

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**International electrotechnical  
vocabulary**

**Chapter 701: Telecommunications,  
channels and networks**

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This Australian Standard was prepared by Committee TE/13, Symbols, Units & Quantities for Electrotechnology. It was approved on behalf of the Council of Standards Australia on 14 August 1989 and published on 9 February 1990.

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## PREFACE

This Standard was prepared by the Association's Committee on Symbols, Units and Quantities for Electrotechnology, under the authority of both the Telecommunications and Electronics Standards Board and the Electrical Standards Board.

This Standard is identical with and has been reproduced from IEC 50(701)—1988, *International Electrotechnical Vocabulary, Chapter 701: Telecommunications, Channels and Networks*. Acknowledgement is accordingly made to the International Electrotechnical Commission for this assistance.

This Chapter of the International Electrotechnical Vocabulary (IEV) relating to telecommunications (Chapters of the 700 series) has been prepared by a Joint Group of experts from the Technical Committees of the International Telecommunication Union (ITU)—International Consultative Radiocommunication Committee (CCIR), International Consultative Telegraph and Telephone Committee (CCITT)—and from the International Electrotechnical Commission (IEC), co-ordinated by the CCIR—CCITT—IEC Joint Co-ordinating Group for vocabulary (JCG).

For Chapters of the 700 series, the full text of the definitions in English, French, Russian and Spanish has been included as some definitions are considered to be incomplete when produced in one language.

This Standard is one of the AS 1852 series of Standards. In the past (until 1984), this series has consisted of direct endorsements of the IEC 50 series of the International Electrotechnical Vocabulary. Since 1984, newly issued parts of IEC 50, where appropriate, will be issued as Australian Standards, i.e. not endorsements.

The purpose of the AS 1852 series is to provide a glossary of terms used in electrical engineering. The series defines terms in English, French and Russian, and in some cases Spanish. It is intended that other Australian Standards will refer to AS 1852 and not repeat any definitions.

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## STANDARDS AUSTRALIA

**Australian Standard**  
**International electrotechnical vocabulary****CHAPTER 701: TELECOMMUNICATIONS, CHANNELS AND NETWORKS****SECTION 701-01—FORMS OF TELECOMMUNICATIONS***Note préliminaire*

Dans le contexte du présent chapitre, les termes anglais «network» et «system» peuvent être considérés comme pratiquement synonymes et sont traduits en français par le mot «réseau».

Pour la rédaction des définitions qui suivent, il a été fait généralement usage du terme «system» mais le mot «network» peut lui être préféré dans certains pays ou dans certaines circonstances.

*Preliminary note*

In the context of this chapter, the terms "network" and "system" can be considered as practically synonymous and correspond to the French term "réseau".

For the purpose of the following definitions, the term "system" has been used but "network" may be preferred in some countries or some situations.

*Предварительное замечание*

Применяемые в настоящей главе термины «электрическая сеть» и «система» могут рассматриваться практически как синонимы и соответствуют французскому термину «réseau».

В определениях используется термин «система», однако в ряде случаев в практике некоторых стран предпочтительнее применять «электрическая сеть».

*Nota preliminar*

En el contexto del presente capítulo, los términos ingleses «network» y «system» se pueden considerar como prácticamente sinónimos y se traducen al francés por la palabra «réseau».

Para la redacción de las definiciones que siguen, se ha usado generalmente el término «system», pero la palabra «network» puede usarse preferentemente en algunos países or en algunas circunstancias.

*Termes imprimés en caractères italiques*

Dans le texte de certaines définitions, des termes définis par ailleurs dans le même chapitre sont imprimés en caractères italiques. Pour bien comprendre la définition où ces termes sont employés, il y a lieu de tenir compte de la signification qui leur est attribuée dans leur propre définition.

Les mots ou termes écrits en caractères maigres dans les définitions doivent être compris dans le sens qui leur est donné dans les dictionnaires courants de la langue ou les vocabulaires techniques faisant autorité, le VEI en particulier.

*Terms printed in italics*

In the text of certain definitions, terms defined elsewhere in the same chapter are printed in italics. For proper understanding of the definitions in which these terms are used, the meanings attributed to them in their own definitions should be taken into account.

Words or terms printed in normal type in the definitions should be understood in the sense given to them in ordinary language dictionaries or in authoritative technical vocabularies, particularly the IEV.

*Термины, напечатанные курсивом*

В текстах некоторых определений, термины, определенные в каком-нибудь другом месте этой же главы, напечатаны курсивом. Для правильного понимания определений, в которых эти термины используются, необходимо принимать во внимание значения приписанные им в их собственных определениях.

Слова и термины напечатанные в определениях обычным шрифтом, должны пониматься в том их смысле которое дается им в обычных языковых словарях или в заслуживавших доверие технических словарях, в частности - в МЭС.

*Términos impresos en caracteres itálicos*

En el texto de ciertas definiciones, términos definidos por otra parte en el mismo capítulo son impresos en caracteres itálicos. Para entender bien la definición en la que estos términos son empleados, hay que tener en cuenta el significado que se les atribuye en su propia definición.

Las palabras o términos escritos en caracteres delgados en las definiciones deben entenderse en el sentido que se les da en los diccionarios corrientes del idioma o los vocabularios técnicos que hacen autoridad, en particular el VEI.