

Title (en)

METHOD AND DEVICE FOR DETERMINING A CONTROLLED VARIABLE OF A TECHNICAL SYSTEM DESCRIBED BY A PREDETERMINED MODEL DESCRIPTION IN A PREDETERMINED AREA

Title (de)

VERFAHREN UND ANORDNUNG ZUR BESTIMMUNG EINER REGELGRÖSSE EINES TECHNISCHEN SYSTEMS

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE DETERMINER UNE GRANDEUR DE REGLAGE D'UN SYSTEME INDUSTRIEL QUI EST DECRIT PAR UNE DESCRIPTION DE MODELE PREDETERMINEE DANS UNE ZONE PREDETERMINEE

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Abstract (en)

[origin: DE19830156A1] The invention relates to a method and device for determining a controlled variable of a technical system, whereby said is described by a predetermined model description in a predetermined area. According to the inventive method, the model description of the technical system is transformed into a sub-zone of said area wherein a controller model description is determined using a non-linear controller model description on the basis of the transformed model description. The controller model description is transferred back to model description area. The controlled variable is determined using the re-transferred controller model description.

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