

## Identifying highly talented athletes: Conception and design of an expert system



Filesize: 4.13 MB

### Reviews

*This publication is worth getting. This is certainly for those who statte that there was not a well worth studying. Its been written in an exceptionally simple way in fact it is only after i finished reading through this ebook in which in fact transformed me, modify the way i believe.*

*(Mr. Hester Prohaska DVM)*

## IDENTIFYING HIGHLY TALENTED ATHLETES: CONCEPTION AND DESIGN OF AN EXPERT SYSTEM

[DOWNLOAD](#)

To download **Identifying highly talented athletes: Conception and design of an expert system** eBook, please refer to the button under and download the file or gain access to other information which are in conjunction with IDENTIFYING HIGHLY TALENTED ATHLETES: CONCEPTION AND DESIGN OF AN EXPERT SYSTEM ebook.

GRIN Verlag Jul 2007, 2007. Taschenbuch. Book Condition: Neu. 210x148x11 mm. This item is printed on demand - Print on Demand Neuware - Diploma Thesis from the year 2007 in the subject Sport - Kinematics and Training Theory, grade: 1,7, Technical University of Darmstadt (Institut für Sportwissenschaft), 56 entries in the bibliography, language: English, abstract: This work deals with the conception of an Expert System for the identification of talented athletes for athletic sprinting. Expert Systems are a sub domain of Artificial Intelligence. They are a class of programs which simulate the reasoning capabilities of a human expert in the solution of complex, narrowly defined problems. Unlike conventional algorithms, they are capable of solving problems on the basis of incomplete or vague data, similar to a human expert. A key characteristic of Expert Systems is the strict separation of the problem-specific knowledge and the inference engine. The short distance sprint is one of the oldest and most exciting athletic disciplines, dating back as far as the first Olympic Games. In spite of the relatively simple goal of this sport, to cover the given distance in the shortest possible time, this task demands highly complex technical and physical skills. These are presented in the second chapter together with an overview of the different phases of a sprint race (start, acceleration, maximum velocity). This forms the basis of the talent identification methods presented in chapter three. A talent is a person that exhibits above average abilities or skills in a certain field or area. Talent search is usually restricted to the assessment of physical abilities. This is a gross reduction of the complexity of talent, as chapter three points out. Based on this knowledge, a five phase engineering process was devised. This work presents this process, and this discourse is as such...

[Read Identifying highly talented athletes: Conception and design of an expert system Online](#)[Download PDF Identifying highly talented athletes: Conception and design of an expert system](#)

## Related Kindle Books



### [PDF] Psychologisches Testverfahren

Follow the link listed below to get "Psychologisches Testverfahren" document.

[Save Book](#)

»



### [PDF] Programming in D

Follow the link listed below to get "Programming in D" document.

[Save Book](#)

»



### [PDF] Tinga Tinga Tales: Why Lion Roars - Read it Yourself with Ladybird

Follow the link listed below to get "Tinga Tinga Tales: Why Lion Roars - Read it Yourself with Ladybird" document.

[Save Book](#)

»



### [PDF] Adobe Indesign CS/Cs2 Breakthroughs

Follow the link listed below to get "Adobe Indesign CS/Cs2 Breakthroughs" document.

[Save Book](#)

»



### [PDF] The Java Tutorial (3rd Edition)

Follow the link listed below to get "The Java Tutorial (3rd Edition)" document.

[Save Book](#)

»



### [PDF] New KS2 English SAT Buster 10-Minute Tests: 2016 SATs & Beyond

Follow the link listed below to get "New KS2 English SAT Buster 10-Minute Tests: 2016 SATs & Beyond" document.

[Save Book](#)

»