

1. Record Nr.	UNINA9910137687203321
Titolo	Simulated Annealing : Theory with Applications / / edited by Rui Chibante
Pubbl/distr/stampa	Croatia : , : Sciyo, , 2010
ISBN	953-51-5931-3
Descrizione fisica	1 online resource (302 pages)
Disciplina	511
Soggetti	Simulated annealing (Mathematics)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910219985503321
Titolo	Absorbing and developing qualified fighter pilots : the role of the advanced simulator / / Richard S. Marken ... [et al.]
Pubbl/distr/stampa	Santa Monica, CA, : Rand Corp., 2007
ISBN	1-281-43009-9 9786611430092
Edizione	[1st ed.]
Descrizione fisica	1 online resource (xx, 69 pages) : illustrations
Altri autori (Persone)	MarkenRichard S
Disciplina	358.4/33071
Soggetti	Fighter pilots - Training of - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"MG-597-AF".
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Covers; Preface; Contents; Figures; Tables; Summary; Acknowledgments; Abbreviations; Chapter One - Introduction; Chapter Two - The Role of the Operational Training Environment; The Training Environment; Training Basics; Demands That Can Degrade Training Quality; Historical Fluctuations in the Effectiveness of the Training

Environment; What Does This Mean?; The Production of New Pilots and Overmanning Issues; Chapter Three - High-Fidelity Simulators with Mission Training Centers; The Potential Benefits of DMO-Capable Systems; Shortcomings of Simulator Systems  
The Role of DMO-Capable Simulators in Operational Fighter Units Additional Concerns and Caveats; Chapter Four - Experience and Development Surveys; The F-15 Survey; Findings from the F-15 Survey; Insights into the Meaning of Pilot Experience; Chapter Five - Conclusions and Recommendations; What Is Experience?; Developing Qualified Pilots; Appendix - Survey Results from F-16 Pilots at Hill AFB; References

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#### Sommario/riassunto

What does an individual need to be considered an experienced fighter pilot? The current formal definition is based on how many flying hours a person has, but in practice, the question is more complex and sometimes subjective because an individual requires different kinds of experience for combat positions and staff positions. The authors surveyed training experts to discover practical bases for judgments about the experience needed for different jobs. For flying positions, they found that time in advanced simulators is now also considered to be an important component of experience.

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