

## The Acrobatics of Human Motion

All the difference in the world is what Gideon Ariel hopes to accomplish

	Code Title	adi-pub-01153 The Acrobatics of Human Motion
	Subtitle	All the difference in the world is what Gideon Ariel hopes to accomplish
	Name	Orange Coast
	Author	Carole Jacobs
	Published on	Thursday, August 1, 1985
	Subject	ACES; Discus; Exercise Machine; Favorite; Media; Olympics; Performance Analysis; Science; Sports; Tennis; Volleyball; Wizard
	URL	https://arielweb.com/articles/show/adi-pub-01153
	Date	2013-01-16 15:40:47
	Label	Approved
	Privacy	Public

### The Acrobatics of Human Motion

In this article, Carole Jacobs explores the work of Gideon Ariel, a biomechanical scientist and former Olympic discus thrower, who has developed the Ariel 4000, the world's first "intelligent" exercise machine. Ariel's machine adapts to the user, knowing how much weight they should lift and releasing pressure if it senses pain. Ariel has used his machine to help numerous athletes, including Terry Albritton, Mac Wilkens, and Leonard Ansen, improve their performance. However, his work is not without controversy, with some questioning the scientific proof behind his claims. Ariel's ultimate goal is to bring his advanced technology into the average American home, and he is currently working on converting his multi-million dollar software so it can be used with an IBM home computer.

# This PDF summary has been auto-generated from the original publication by arielweb-ai-bot v1.2.2023.0926 on 2023-09-28 03:41:06 without human intervention. In case of errors or omissions please contact our aibot directly at ai@macrosport.com.

#### Copyright Disclaimer

The content and materials provided in this document are protected by copyright laws. All rights are reserved by Ariel Dynamics Inc. Users are prohibited from copying, reproducing, distributing, or modifying any part of this content without prior written permission from Ariel Dynamics Inc. Unauthorized use or reproduction of any materials may result in legal action.

### Disclaimer of Liability

While every effort has been made to ensure the accuracy of the information presented on this website/document, Ariel Dynamics Inc. makes no warranties or representations regarding the completeness, accuracy, or suitability of the information. The content is provided "as is" and without warranty of any kind, either expressed or implied. Ariel Dynamics Inc. shall not be liable for any errors or omissions in the content or for any actions taken in reliance thereon. Ariel Dynamics Inc. disclaims all responsibility for any loss, injury, claim, liability, or damage of any kind resulting from, arising out of, or in any way related to the use or reliance on the content provided herein.

Below find a reprint of the 3 relevant pages of the article "The Acrobatics of Human Motion" in "Orange Coast":



#### Ariel has been called the P.T. Barnum of Sports Science.

AUGUST 1985/ORANGE COAST MAGAZINE

<section-header><section-header><section-header><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text>

NEWPORT GIFT GALLERY Elizant Gifts and Collectibles LLAD RÓ® N Andrea 4 Austin 2400 W. Coast Hwy Newport Beach, CA 646-5462



1651 E. 4th St., Ste. 251, Sar 714-953-9986

## LUAU CRUISE Remonic and for 3 hour hour color \* Authentic South Pacific Floor Show \* Diversite Builder Binner \* Fore Mail Tal & Schell Lei HSLSP Frei Frei Mail Tal & Schell Lei HSLSP Frei Frei Mail Tal & Schell Lei Hstervellonit Ret Beservellonit Ret Gross-1481 (F Irvine Coast Charters

#### ENTERPRISE

### The Acrobatics of Human Motion

#### By Carole Iacobs

<text><text><text><text><text><text><text>

146

and his computer suggested he cut some speed from one sequence of his spin. Race walker Leonard Ansen boosted his speed and endurance by increasing his hip roll and decreasing his arm swing. The U.S. Women's Volleyball Team, in a hopeless 56th place three years ago, placed second in the Los Angeles '84 Games after a year of training with Ariel. Bruce Jenner, Jimmy Connors, Edwin Moese, Jack Nicklaus, and the Dallas Cowtooy are annog the many por-divide althetes who credit Ariel-wanch althetes who credit Ariel-wanch drains lathete devoters is "Dre of Arien's latest devoters is

Concors are among the many pro-ressional athletes who credit Ariel with helping them improve perfor-ance. The side of the side of the second second freshed the signal second second second of a mod my, "Ariel says with glee of a mod my," Ariel says with glee of a mod my, "Ariel says with glee of the side second second second second mediate second second second second second second second second second mediate second second second second second second second second second mediate second second second second mediate second sec

boarding schools following his parents' divorce, the clumsy, over-weight problem child longed to be an athlete — any kind of athlete. But all his attempts at school sports failed. "How do they say it? I was always the last one picked for basketball," Ariel says. When Ariel was 17, a new physical ducation teacher was assiened to his

When Ariel was 17, a new physical education teacher was assigned to his school. He told Ariel that "a hig boy like you should be good at some-thing." Discus throwing, perhaps. Ariel decided to give the sport a try, rowing to follow his teacher's advice to practice very hard. "I walked, ate and slept with that discus," laughs Ariel. "I was deter-mined to be a great athlete — even an Olympic athlete — even tough the other kids teased me and called me

Olympic athlete — even though the crazy man." Ariel got the last laugh. At age 20, he tried out for the 1960 Israeli Olympic Discus Throwing: Team and broke the national record at the trials. At the trials in 1964, he set a world record that still stands. Later, after earning three post-doctoral degrees in service and com-fuence of the still stands. Later, after earning three post-doctoral degrees in service and com-wyoning and the University of Massachusetts, Ariel turned his attention to the scientific study of human motion. From a storefront office in Am-herst, Massachusetts, Ariel world of patients, then for athletes. Word of Ariel's revolutionary re-search reached Vic Braden, founder of the Vic Braden Tennis Ranch in invitation to ion Braden in the Com de Caza Research Center, a research and training center for athletes and others interested in physical fitness.

AUGUST 1985/ORANGE COAST MAGAZINE

