

# Les mouvements du corps analyses par ordinateur

Il y a encore une quinzaine dannees, le talent etait suffisant pour remorter une competition sportive

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		Name	Forum International
		Author	Jean Michael Antoine
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The article discusses the work of Dr. Gideon Ariel, a researcher at the University of Massachusetts, who has developed a system that uses computer analysis to study body movements in sports. The system, which has been adopted by the American Olympic Committee, films athletes at high speeds and then analyzes each frame to determine velocity, acceleration, direction, angle, and the forces generated by different parts of the body. This information can then be used to improve performance. The system has been used to help athletes such as discus thrower MacWilkins and tennis player Jimmy Connors improve their performance. Dr. Ariel's system is also being used in other fields, such as industry and healthcare, to study human performance and reduce energy expenditure.

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#### Une découverte U.S.

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