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# So says computer

GIDEON ARIEL follows the blomechanics of walking through his computer systems In Amherst to help show that our shoes are bad for us.

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	Title	So says computer
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### Synopsis

The article discusses the work of Gideon Ariel, a computerized biomechanics analyst, who has conducted a study on the impact of shoes on the human body. The study, funded by a government grant, found that current shoe designs are a primary cause of lower back trouble due to their inability to properly absorb the shock of walking. Ariel's firm, Computorized Biomechanics Analysts, recommends a redesign of shoe heels to improve shock absorption. The study's findings have been submitted to the U.S. Department of Health and could potentially influence future shoe manufacturing guidelines. Ariel's firm has also conducted similar studies for sports teams, using computer analysis to optimize athletic performance.

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Below find a reprint of the 2 relevant pages of the article "So says computer" in "Daily Hampshire Gazette":

#### So says computer Feeling down in the heels? You should By MILTON COLE The shoes we wear five years from nov-it of a doctoral study project of a fe



GIDEON ARIEL follows the biomechanics of wa to help show that our shoes are bad for us.

ng spirit is Gideon Ariel, a man yed a government grant to do researc

## - Computer examines kickers

Continued from page 1) with a tripple configuration. The study microbiot that such time the runner's foot hiles the ground the shock will be spread along the heel-sole struc-ture. The study of the stock will be spread along the heel-sole struc-ture. The stock will be spread along the heel-sole struc-stand other runners but for other authetes with omage and other runners but for other authetes with omage. The structure is the structure is the sole of the struc-stand structure is the sole of the structure is the structure is the structure is the sole of the structure is the structure runner is the sole of the structure is the playoff game between Los Angeles and Dalas. It has particular case Gideon and CBA have analyzed the printees of Dalas. The structure lines of the sole of the

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formed CBA, each owning 50 used the computers at Dartthe function of the second sec

UMass computer center, having left the exer department. Much of his work is devoted to the increasis business that the firm has contracted for. The full-time employe in Ann Penny, 32-year-oid nian who helped Gideon devise his system and

brogramming She is listed as company president and is working on her doctorate at UMass. The chairman of the board is Larry Graham, chairman of the board of Hampshire Autonal Bank and president of Holyoke Hospital. Gideon is vice president

chairman of the board of Hampshire Nat dent of Holyoke Hospital. Gideon is vice ctor of research. leinbel has sold most of his stock but ret i stock holder. Graham has purchases s stock, notes Gideon. ture of the lirm, adds Gideon, is almost impact the studies could have on al

One of the first requests came from a hockey area which wanted to know why one of its top

national television. But Dr. G says that the surface of possible scratched And if you'd like to know whe properly, he can analyze that, too.



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