

WORDS FAIL THEM

The educational process may still be founded on the lecture system, but the photographs on these pages are mute evidence of the fact that, for some of the best teachers, words are not nearly enough.



As Caltech's director of choral music, Olaf Frodsham is in the business of talking with his hands, so any seasoned glee club member can sight-read this gesture to mean that Frodsham is not entirely displeased with what he hears, thinks it might possibly be getting a little better as it goes along, could even come close to being pretty good in time—only for Pete's sake cut down on the volume, please.

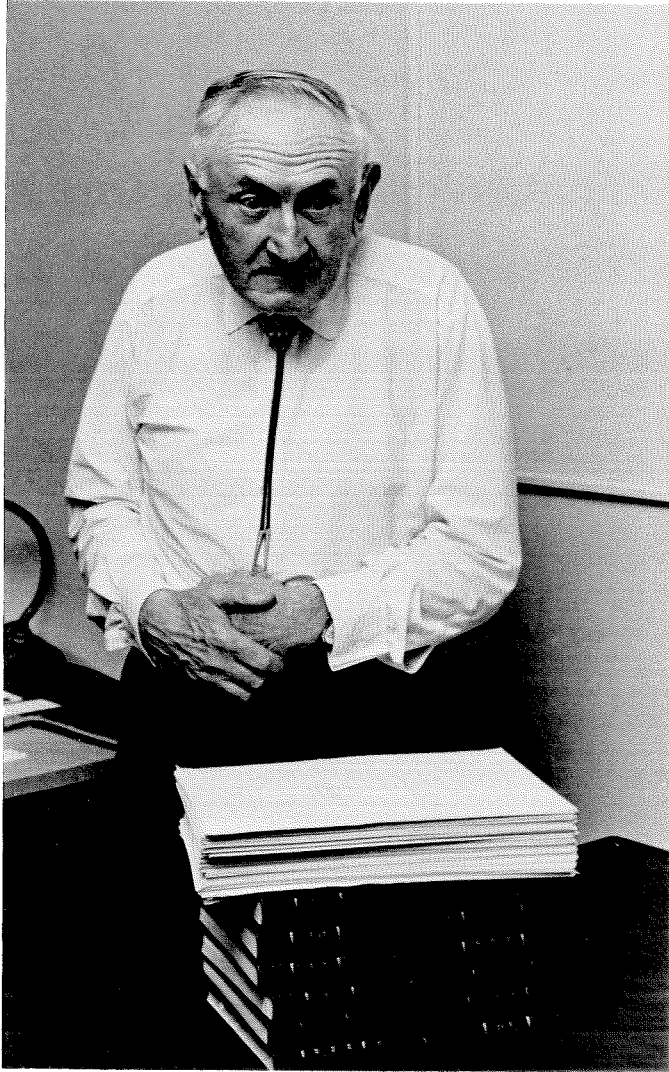


As one of the principal investigators of lunar materials for NASA, Gerald Wasserburg, professor of geology and geophysics, is currently concerned about the future of the moon samples after the Apollo program is terminated. In fact, he says, if we don't make a long-term commitment and definition of policy for the storage and handling of lunar materials for future generations, well—mark his words.

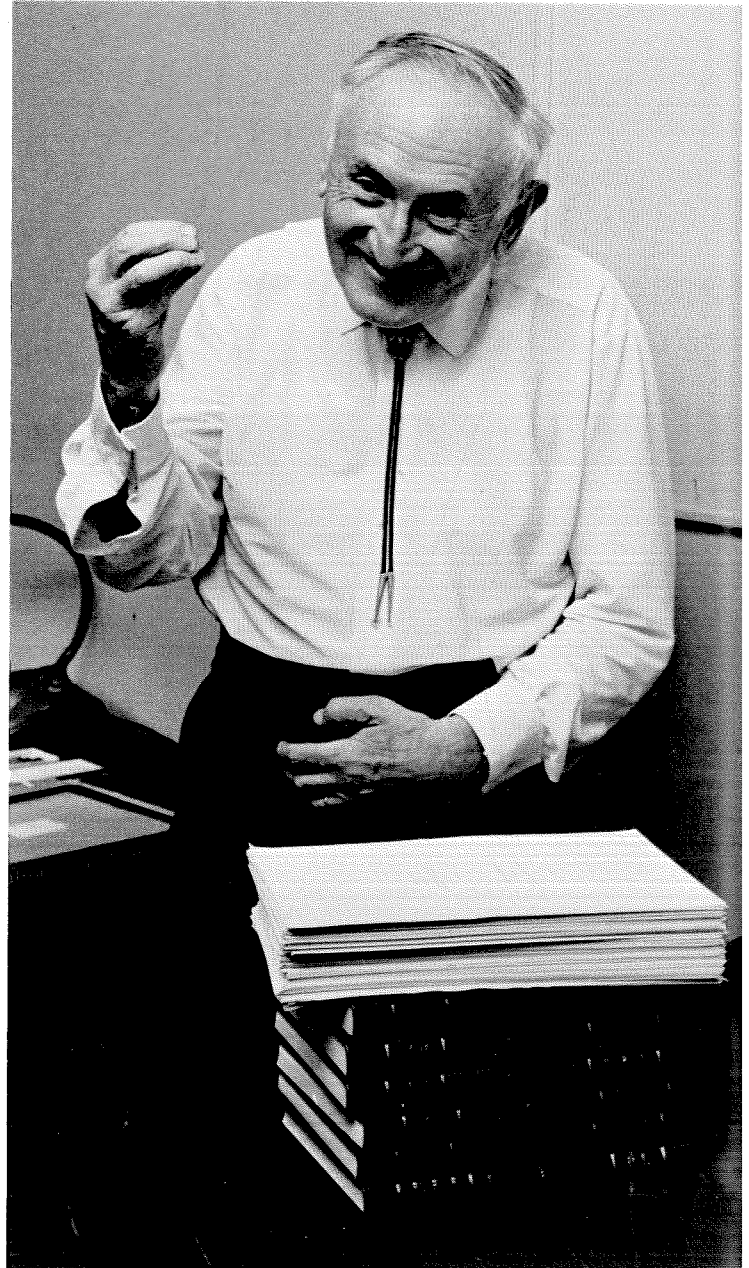


Derek Fender, professor of biology and applied science, and James Olds, Bing Professor of Behavioral Biology, have a common professional interest in studying the workings of the brain—and face a common difficulty in discussing the subject, which invariably involves such refined intricacies that words are better abandoned—as they have been by Fender (above) in describing the specially designed helmet he uses in his research and by Olds (right) in a graphic demonstration of how the brain makes decisions.

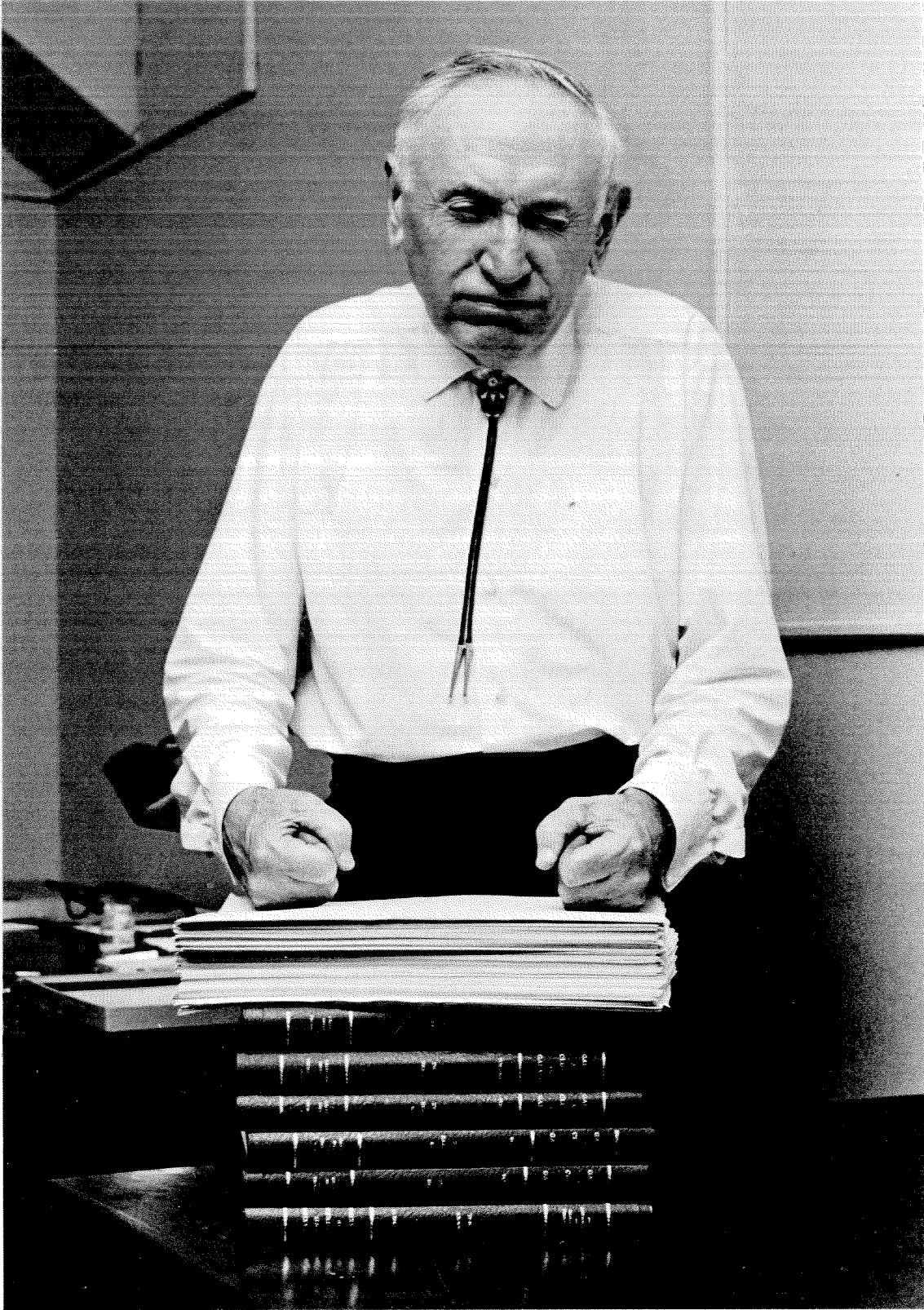




Fritz Zwicky, professor of astrophysics, emeritus, has so many firm opinions to deliver on so many subjects that mere words cannot possibly convey the depth of his convictions, and so



they must be supplemented by considerable body English



with a strong Swiss accent, of course.