

Coming this Fall in Technology Review

"The Moscow agreement (on arms limitation)...required political courage and diplomatic skill...Never before in the history of the human race was a decrease in weapons perceived as contributing to the security of a country."—Kosta Tsipis, Laboratory for Nuclear Science, M.I.T.

"The energy flux caused by man (including the combustion of fossil fuels and the liberation of atomic energy) is still small compared to the total energy flow within the biosphere...But the energy flow and entropy production of our present civilization are already too large to maintain the entire ecosystem in a stable, non-polluting state."—Werner and Elisabeth Stumm, Swiss Federal Institute for Water Resources.

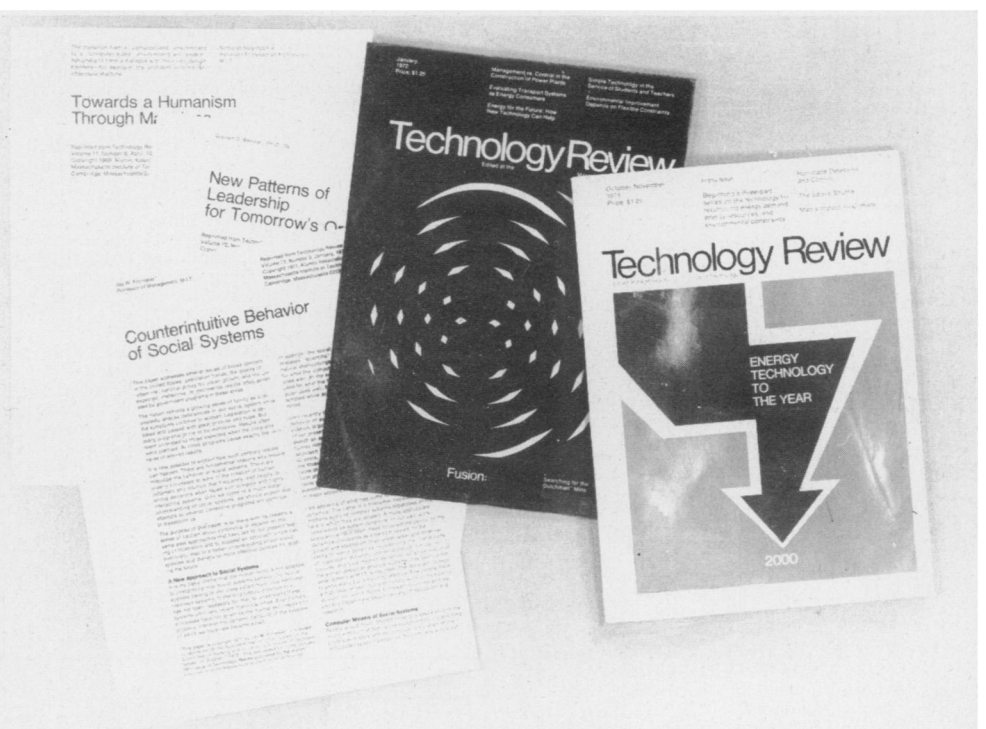
"Engineers must in these times be assailed by the same kind of self-doubt that has plagued the atom-smashers... It is past time for explicitly recognizing the potential for conflict between growth for the sake of satisfying priorities, old and new, and the limits to growth itself."—Francis H. Schott, Vice President, Equitable Life Assurance Society of the U.S.

"We are now able to say not only that we can observe continental motion but also that we can explain its dynamics."—M. Nafi Toksöz, Professor of Geophysics, M.I.T.

"Practicing engineering is practicing the organized forcing of technological change...Every act to inject technology into our society has anthropological connotations which, depending on how we plan and what we do, can be either subversive or benign."—Gordon S. Brown, Jackson Professor of Engineering, M.I.T.

"We...now believe that low-level electrical currents and potentials... have the capability of bringing about very major biological effects of a very basic nature,...based upon perturbations produced in pre-existing biological electronic control systems which regulate very basic life functions."—Dr. Robert O. Becker, Veterans Administration Hospital, Syracuse, N.Y.

"Although only a tiny fraction of the nitrogen in the air passing through a furnace, and likewise only a portion of the nitrogen compounds in fuels, are oxidized to NO_x, the total tonnage of NO_x emitted to the atmosphere in the U.S. is the equivalent of ten times the U.S. production of nitric acid."—Charles N. Satterfield, Professor of Chemical Engineering, M.I.T.



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