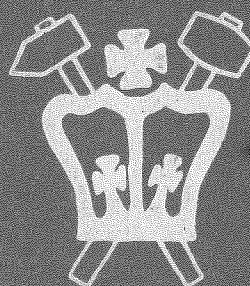
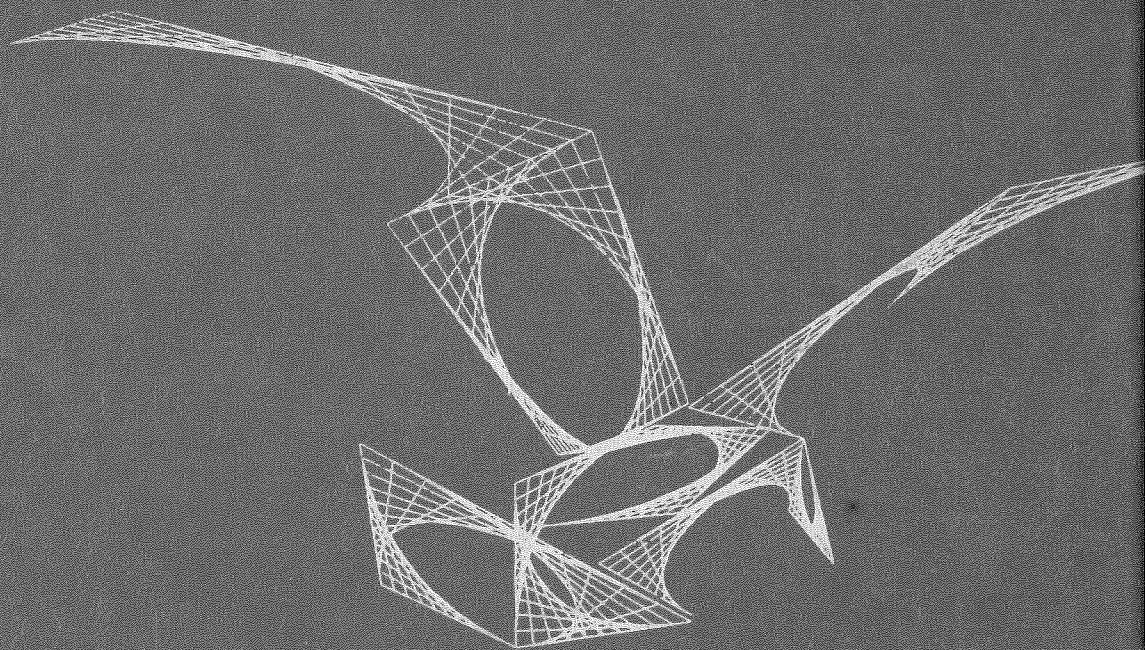




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APPLIED PHYSICS AND NUCLEAR ENGINEERING



The Department of Applied Physics and Nuclear Engineering consists of faculty, staff and students who are dedicated to helping develop new, large-scale, energy resources. Nuclear energy, both fission and fusion, represents essentially inexhaustible energy supplies which can and should be a benefit to all mankind. A clean, safe fission breeder reactor, fueled by thorium or uranium, represents one great potential energy supply. Fusion of the light elements, isotopes of hydrogen, helium, and lithium, represents the other great nuclear source of energy. The potential for each is indeed great. To successfully develop fusion is perhaps the greatest applied science challenge that mankind has ever undertaken. Ancient man learned how to control fire, and civilization began. When modern man learns how to suitably control and use nuclear energy, a new era can commence. This is the challenge which we address.

