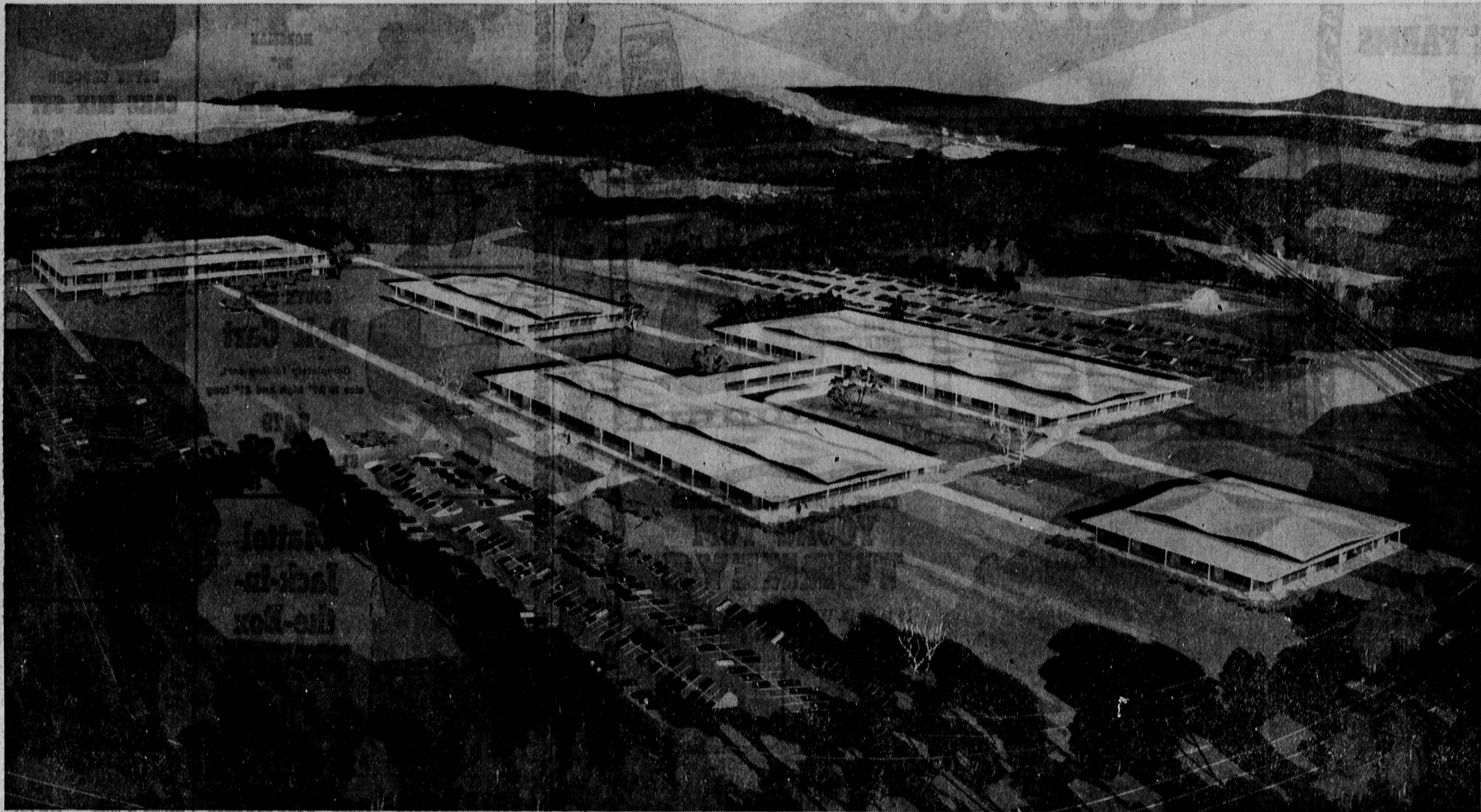


Announcing an outstanding opportunity for senior scientists and engineers

COMING TO PALOS VERDES- NORTRONICS' NEW PLANNED-RESEARCH CENTER!



LIVE close to Southern California beaches and mountains. Enjoy informal suburban living in a year-round vacation climate.

LEARN ABOUT WORK at Nortronics' new location in Palos Verdes Research Park. Under construction, this fifty-acre planned scientific center for creative development features a campus-like atmosphere.

PLAN YOUR FUTURE now with Nortronics' team and stimulate your professional growth. If you can qualify for one of the positions outlined, you will work on challenging and important current defense contracts. You will work with professionally dedicated associates. You will command a salary commensurate with your experience and you will profit from the most progressive fringe benefits.

POSITIONS OPEN NOW!

WHICH OF THESE FIELDS OF THE FUTURE FITS YOUR EXPERIENCE BEST?

AIR-LAUNCHED BALLISTIC MISSILE PROGRAM • Outstanding scientists and engineers comprise the engineering team which has been awarded the contract to design and develop the guidance systems for the air-to-ground missile program to be utilized in one of the most advanced current tasks - the air-launched ballistic missile. This application calls for precise "orientation intelligence" in the missile's navigational "brain." Concepts of the ALBM will apply to other military and peacetime missions such as aircraft, spacecraft, surface ships, submarines, and reconnaissance systems.

Nortronics, pioneer in guidance systems, is responsible for the Mark I system in the Snark; the A-8 interplanetary navigation system; LINS - Lightweight Inertial Navigation System; and the A-5 - the automatic star tracker that "sees" stars both by day and by night.

The new ALBM program offers a challenging opportunity to selected engineers and scientists with experience in *Inertial navigation systems analysis; Ballistic trajectory control systems; Targeting; Gyros and Accelerometers.*

SUSTAINING COMPUTER FIELD • This new team will be composed of scientists and engineers with a minimum of five years' professional experience with at least two years' experience in one of the specialized areas listed on this page. These specialists will solve navigation guidance equations, perform logical system design, and mechanize these systems into the design of circuit hardware.

COMPUTER SYSTEMS ENGINEERS • deal with problems requir-

ing research analysis, systems engineering and the guidance and long-range navigation of aircraft. This group establishes guidance and control system design configurations, carries out completed system synthesis and analysis, plans and evaluates components and subsystems, designs special-purpose computers, and carries out system error analyses involving mathematical computations and the use of high-speed computers. A master's and/or doctor's degree in engineering, physics or mathematics, and experience in inertial systems, digital computers or related fields is required.

LOGICAL DESIGNERS • perform analytical and design assignment in the field of digital computers. Working with Boolean algebra, designers assume the responsibility for the logical design of complex airborne computing systems. Experience should cover the logical design of both whole-number and incremental digital computers and the integration of digital computers into complex systems.

DIGITAL COMPUTERS • in the field of semiconductor high-frequency, assume responsibility for computer circuit development and computer component selection, evaluation and application concerning digital computer power supplies, magnetic cores and associated circuitry, magnetic drum memories, high-speed switching techniques, twistors and cryogenics in digital computer application.

SOLID STATE CIRCUITS • In working with all the other current areas of research including computing and WS-138A, engineers will design and develop circuits for inertial, astrornertial, and

space navigation systems - including computer systems. Engineers will be selected from senior engineers with three to five years' experience in the design and development of transistor circuits. In design which utilizes solid state devices and semiconductors, a thorough knowledge of solid state theory and practice is essential.

PLANNED RESEARCH IN SPACE ELECTRONICS • This new research group under the outstanding directorship of Dr. K. N. Satyendra, will form the core and essence of Nortronics' Research Park. Studies and research will center in the applied sciences and technologies directly relating to space electronics. Activities include: *midcourse and terminal guidance for lunar planetary probes; infrared applications for the detection of space vehicles; guidance and control for space rendezvous; space vehicle re-entry.*

Applications are invited from scientists who are qualified in the following fields: Ballistic missile and space vehicle trajectory computation and analysis; Astrophysics; Planetary and lunar physics; Infrared; Microwaves; Telemetering; Communications; Navigation systems; Auxiliary power systems; Atmospheric and hypersonic re-entry.

IF YOU CAN QUALIFY, WRITE OR TELEPHONE
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OR 8-9111, Extension 1886

Of course, all inquiries are strictly confidential



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