

SCIENCE NEWS®

OF THE WEEK

423 Campus ferment over war-related research

424 Elusive boson particle may have been found

425 Drug addiction: Once may be forever

426 Fluid dynamics invades astronomy, geology, transportation

427 Cancer theory; Starve the tumor, not the cell

418 Biology Notes: Aspirin warning issued; Hemoglobin substitute found; Glassware test for malignancy; Local anesthetic long-lasting; Psychotomimetics act through stress

429 Radio Astronomy Notes: Size of earth's orbit measured; The lunar bulge; Origin of the nighttime ionosphere; New model of the sun

430 Aerospace Notes: X-15 tests insulation for Saturn 5; USAF to shoot own plane in armor tests; Model Mars lander drops, works; Second automatic Cosmos docking; Antarctic soil helps life-on-Mars hunters; Making a brighter war

439 Physical Science Notes: Advanced courses attract math students; Mass of asteroid Vesta determined; Precise measurement of ionizing radiation; Proton radiography; Low energy solar protons

FROM ABROAD

428 Geneva: European physicists unite; Hopes for the next

20 years

Australia: Free transplant service

438 Letter from Frankfurt: Three worlds of color TV unite

IN SCIENCE FIELDS

431 Physics: College changes urged

432 Magnetism: Fields grow while budgets shrink
434 Geology: Moment of truth in Colorado

435 Transplantation: Pancreas joins the list

DEPARTMENTS

436 Books of the Week 437 Ideas and Products of the Week

422 Films of the Week 422 Letters to the Editor

419 Patents

COVER

Magnetism, a toy for the young, a technologic tool with numberless applications, a basic physical phenomenon, is most readily identified by the pattern of iron filings formed around a bar magnet. Advances in the creation of very strong magnetic fields are leading to new theoretical discoveries and many far-out applications; but budget problems hinder progress. p. 432.



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