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Look for details in Wednesday's ODE.

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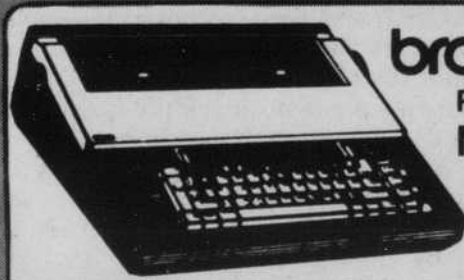
Microcomputers Calculator m + c odes? Precisions

ALL high level languages  
 Precisions are created with 1 or more  $\pm$  Factored 2  $\pm$  n? Verify the manufacturers suggested exponentiation for accuracy? TRS-80 dialect has a 22% exponentiation accuracy rate? Factored 2  $\pm$  ns have (39) significant figures before truncation? Precisions are finite. There are no fractions involved! Precisions may or may not have "built-in" errors. Why? Precisions are controlled by digit amounts utilized??? Precisions are controlled by the order of operations?? This does not necessarily follow standard procedures?? Three (3) methods are utilized to create precisions??? Double single precision is created with (4) Strings? Honest double precision is created with (8) Strings? Exponentiated precision is created with (16)  $\pm$  Strings? TRS-80 exponentiated precision creates (4) variations?  
 CAL + COM creates millions of variations  
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**inter/national**

From Associated Press Reports

**Soviet spies discovered**

**BRUSSELS, Belgium** — The Justice Ministry said Monday two Soviet spies have been arrested for trying to obtain secret NATO documents and will be immediately expelled.

The ministry, in a news release, also said the case of a Soviet diplomat was being studied by the government.

The release did not identify the diplomat or the two alleged spies. The ministry said the spies tried to obtain "highly classified" documents of the North Atlantic Treaty Organization and were arrested this past weekend.

NATO headquarters is in Belgium.

The ministry gave no other details.

ment exercises for 3,500 students were held.

Sakharov also had been invited to address Sunday's Baccalaureate Day exercises at the university, but there has been no public word from the Kremlin on his whereabouts or health since friends said he began a hunger strike May 2.

Sakharov's wife reported he was taken from his home by authorities five days after he began his hunger strike.

On Sunday, Georges Marchais, secretary-general of the French Communist Party, said he was told in a response to a letter he sent "to the highest level in the Soviet Union" that Sakharov was in a clinic and that he and his wife were in "satisfactory" health.

coasts.

Ustinov's announcement of deployments of the type the Soviets normally keep secret was cited by Pentagon officials as evidence that the action is more political than of military significance. It carries forward Soviet threats to respond to deployment of new U.S. land-based missiles in Europe under the NATO umbrella.

"We regard this as a familiar litany of Soviet assertions and threats," White House spokesman Larry Speakes said Monday in response to Ustinov's announcement.

Speakes said the buildup occurred while the United States and the Soviets were involved in arms talks, which have since ceased.

**Soviet subs set off coast**

**WASHINGTON** — The Soviet Union has stationed one additional nuclear-missile-firing submarine off the U.S. East Coast and one more off the West Coast in what Pentagon officials regard as a move of little military significance.

Defense sources on Monday dismissed as essentially a political action the increase of Soviet missile-firing sub strength within about 1,000 miles of the U.S. mainland.

Soviet Defense Minister Dmitri Ustinov announced Sunday, through the Soviet news agency Tass, that Moscow has increased the number of nuclear-armed submarines off U.S. shores and said their missiles could hit targets in the United States within 10 minutes of launch.

The new Soviet subs would be in addition to the five or so that intelligence officials say have long been stationed off the

**Economy to grow slowly**

**WASHINGTON** — Economic growth will slow dramatically in the next few months from its recent rapid pace, but the current recovery will last into 1985, a group of business economists is predicting.

The National Association of Business Economists said a survey of some 200 of its members found them still optimistic about economic strength this year, but pessimistic about how long the current recovery will last.

The economists forecast an annual growth rate of 5.7 percent for all of 1984, compared with 3.4 percent growth in 1984. The forecast saw the 8.8 percent pace set from January through March slowing in the current quarter and for the rest of the year.

Sixty-nine percent of the group's members predicted that the next recession would begin by the end of 1985. A minority of 12 percent saw the recession coming at the end of this year and 26 percent forecast it would not occur until 1987.

A. Nicholas Filippello, president of the association and chief economist for Monsanto, said the majority of economists believed this economic recovery would not last as long as normal because of interrelated problems of rising interest rates, a huge federal budget deficit and growing red ink in the country's foreign trade performance.

Banks' prime lending rate, which has risen three times in the last two months and now stands at 12.5 percent, will surpass 13 percent by the end of the year, the economists forecast.

**Sakharov given degree**

**PHILADELPHIA** — The University of Pennsylvania awarded an honorary degree in absentia Monday to Soviet dissident and Nobel Peace Prize winner Andrei Sakharov, who is being kept in exile in the Soviet Union.

Sakharov, who also turned 63 on Monday, "may be a thorn in the flesh of the Soviet regime, but his principled stance should prick the conscience of governments and individuals the world over," Penn Pres. Sheldon Hackney said in a citation that accompanied the doctor of science degree.

A chair was reserved for Sakharov in the front row on the large stage of the 15,000-seat Civic Center, where the com-

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