A CONTEMPORARY odyssey of pain, notwithstanding, official bodies are oranges (as they do in other plants). reached its climax this week at a ment of solar energy, which, as regulators in the early stages of the year-old mathematician was awarded a 'economic energy'. PhD and the prestigious Aharon Katzir snuffed out the flames and rushed him. to a hospital.

Rips was subsequently sent to join other dissidents at a mental institution, where he spent over two years for wave after wave of international energy. in January 1972, until this week, Ripsa naturally very reticent person-stayed Harry Tabor pointed out that: out of the headlines. He was content dimensional sub-group problem, begun consumption. in Riga, has already aroused international interest. Now he is to be a heaters (which save about 100,000 tons The 17 Arab students at present enlecturer in the Hebrew University's of fuel oil that would otherwise be rolled at the Hebrew University's Mathematics Department.

were at the Hebrew University cere- per capita. mony, but few of them have any idea elite. At the Weizmann Institute alone, nation than fuel costing \$80 a ton. antigens and quarks, they generally export crops—citrus and flowers. manage to retain their perspective. Confronted with the fact that spend less on manpower because their For example, when a Weizmann In- oranges grown north or south of own large families provide a bountiful Finance Ministry officials, he earnestly belt tend to have rough peels, which

"Don't worry," a Finance Ministry with a synthetic growth retardant. man replied, "we don't have the money an option on the place."

repression and, finally, of achievement, putting more money into the develop- Since there is an excess of these growth ceremony on the Mount Scopus Minister of Commerce and Industry fruit's growth, the team found that campus of Jerusalem's Hebrew Uni- Haim Bar-Lev recently stated, they peel roughness could be controlled by versity, in which an outstanding 26- hope will give the country increased spraying Alar (a growth retardant) on

Prize. It began six years ago in the forefront of solar energy research, but ing the fruit's nutritional value or town square of Riga, Latvia, where interest in the subject rapidly declined making it unsafe to eat. Now equal that same young man, Ilya Rips, set here, as elsewhere, when low petroleum sucess is being achieved with a less himself on fire in order to dramatise prices seemed to obviate any need for expensive chemical (CCC). his opposition to the Red Army in- what was then a much more expensive • Israeli agricultural research is dis-

Letter from Israel

from Nechemia Meyers

merse himself once again in the world about 30×106 tons of fuel oil per year when they are still experimental. of mathematics, where his work on the -three times Israel's annual national

• Dozens of government personalities about 0.1 m² of flat-plate solar collector graduates, bring new methods to their

what is really going on in the lecture solar energy more widely to heat water, and the Gaza Strip. Production has rooms and laboratories of local institu- to heat and cool buildings and even to risen spectacularly in these latter areas tions of higher learning. Alarmed at provide a power source for desalina- since Israeli troops, closely followed the possible consequences of this tion. He argues that if solar ponds by Israeli agricultural advisers, ensituation, Israel's academic centres could be built for less than \$10 per m² tered them eight years ago. have taken it upon themselves "to -which seems feasible-it would be educate" the country's policy-making cheaper to use solar energy for desali- cultivation, new seeds, new fertilisers

of science have recently been held for Israeli solar energy research, local deprives them of the technological admembers of the Knesset (Israel's agricultural research proves its eco-vantage which they would otherwise Parliament) and for senior officials of nomic significance year after year. Just have over Arab farmers. Indeed, the Ministries of Finance, Commerce recently, for example, scientists at the certain crops that were once grown and Industry, Foreign Affairs and Hebrew University's Faculty of Agri- mainly by Jewish farmers, such as Education. Although the participants culture reported on the development strawberries, have been taken over sometimes seem to be slightly be- of new techniques which should facil- almost completely by Arab farmers, wildered by talk about polymers, itate overseas sales of two important who have access to the same agri-

stitute official greeted a group of Israel's traditional Coastal Plain citrus source of practically free labour. explained to them that the seminar makes them unsaleable in Europe, versity's Agricultural Faculty, Profeswas strictly educational in character Shaul Monselise, Raphael Goren and sor Isaac Harpaz, is not unduly and was not being held "to sell you Yair Erner, of the Hebrew University, worried. He points out that the the institute". found a way 'to smooth the peels' economies of Israel and the Adminis-

to buy it. But perhaps you'll give us levels of gibberellic acid and cyto- of political settlement is eventually kinins, hormones which control cell achieved. Thus prosperity for Arab • Government monetary limitations division and cell enlargement in the farmers benefits the entire economy.

the citrus during that period. This cut Twenty years ago Israel was in the down roughness by 30% without affect-

vasion of Czechoslovakia and to Soviet form of energy. Nevertheless, Israel is tinguished not only by its quality, but anti-Semitism. Fortunately, passers-by probably at present the world's largest also by the fact that it reaches the farmers and the fields much more quickly than it would in other countries, even those with well organised extension services. This is partly because one-third of Israel's agri-"under treatment". Had it not been user, per capita, of applied solar cultural students are themselves settlement members, who rush back home protests, he would probably still be Backing up this contention in a with any promising new hybrid or there. From the time he arrived here paper presented at a recent solar hormone. In addition, local farmers energy conference in Rehovot, Dr are not content to wait quietly for solutions to their problems; instead, (1) The Dead Sea Works, with they keep pestering the professors for to learn Hebrew, which he now speaks approximately 100 km² of evaporation assistance and, moreover, they are with great fluency, and then to im- ponds, use solar heat equivalent to willing to try innovative methods even

Agricultural know-how reaches Arab farmers almost as quickly as it reaches (2) Over 100,000 domestic water the members of Jewish settlements. required for heating water) represent Faculty of Agriculture, as well as Arab home villages (inside the country's Tabor sees justification for using 1967 borders) and to the West Bank

This rapid transfer of new forms of and new pesticides could pose a probday-long seminars on various aspects • Whatever may be the value of lem for Jewish farmers, because it cultural research and, at the same time,

Yet the Dean of the Hebrew Unitered Areas are closely linked, and Peel roughness is caused by excess likely to remain so whatever form