

長春光學精密機械學院



CHANGCHUN INSTITUTE
OF
OPTICS AND FINE MECHANICS



實驗樓

The experimental building



計算中心外景

The external view of the computer center





校園一瞥

A glimpse at the campus



成人高等教育樓

The building for adult higher education

學院概況

長春光學精密機械學院(簡稱長春光機學院)是一所培養光學精密機械高級科技人員的大學,隸屬於國家機械電子工業部。她位於富饒的東北名城長春,座落在市內風景秀麗的南湖之畔。

學院創建於一九五八年。我國著名的光學專家、中國科學院學部委員、技術科學部主任王大珩教授曾任第一任院長,現為名譽院長。三十年來,學院已發展成一所以工科、應用理科為主體,兼有管理學科和人文、社會學科,具有光學特色的、光、機、電、算相結合的多科性理工大學,承擔着培養科技人員和科學研究的重要任務。

學院本科為四年學制,實行學位制度。目前設有光學工程系、光學物理系、電子工程系、材料工程系、精密機械工程系、計算機科學與工程系、管理工程系、外語系、中文系等九個系,並設有基礎科學部、社會科學部、成人高等教育部及研究生部。全院設有十三個本科專業和五個專科,其中有六個專業可授予碩士學位。還設有應用光學技術研究所、近代光學技術研究所、非金屬材料研究所、應用力學研究所、科學技術發展研究所、高等教育研究所等十七個專門科學研究機構,以及為全院教學科研服務的計算中心、測試分析中心、電教中心、圖書館和校辦工廠。

學院現有教師五百五十人,其中教授、副教授一百三十人,講師三百四十人,在校本、專科學生三千名,研究生一百三十名,夜大學生、函授生一千餘名。建院以來,已培養了六千多名科技人員,他們已成為我國光學精密機械領域的骨幹力量。學院科研工作堅持為經濟建設服務的方向,承擔了二百多項科學研究任務,其中有四十多項獲得國家、機械委和吉林省的獎勵。

學院在廣泛開展國內學術活動的基礎上,積極發展國際間的學術交流,先後派出教師、研究生赴國外考察、進修、攻讀學位、參加各種國際學術會議,並接待國外學者來院講學、訪問。現又接受蘇聯等國的高級訪問學者來院進修。

學院佔地三十二公頃,建築面積十三萬平方米,圖書館藏書四十五萬冊。出版有《長春光學精密機械學院學報》、《高等教育研究》、《應用寫作》、《光學精密機械》等學術性刊物和多種教材。

現在,學院正按照“教育要面向現代化、面向世界、面向未來”的要求,迎着世界新技術革命的浪潮,團結一致,開拓前進。



學院北教學樓

The Institute's north teaching building



The Research



近代光學技術研究所

The Research Institute of Modern Optical Technology





應用光學技術研究所

Institute of Applied Optical Technology



學院南教學樓

The Institute's south teaching building

A SURVEY OF THE INSTITUTE

Changchun Institute of Optics and Fine Mechanics (CIOFM) is a University which aims to train high-ranking technical personnel in the field of optics and fine mechanics. It is affiliated to the Ministry of Machine-Building and Electronics Industry. The Institute is located at the shore of the scenic south lake in Changchun, a famous city of the beautiful and richly endowed northeastern part of China.

The Institute was founded in 1958. Professor Wang Daheng, the noted expert of optics in our country, member of the academic department and head of the technical science department of the Chinese Academy of Sciences, was the first President of the Institute. In the thirty years since, the Institute has become a polytechnic university with a combination of optics, mechanics, electrotechnology and computer science. Now it includes engineering and applied science as its main subjects and concurrently consists of managerial science, humanities and social science. The Institute is undertaking important tasks both to foster technical personnel and to do scientific research.

Undergraduate courses of the Institute are conducted in a four-year schooling system with conferring academic degrees. So far the Institute has had nine departments. They are Department of Optical Engineering, Department of Optical Physics, Department of Electronic Engineering, Department of Materials Engineering, Department of Fine Mechanical Engineering, Department of Computer Science and Engineering, Department of Management Engineering, Department of Foreign Languages and Department of Chinese Language. It also has four Divisions — Basic Science, Social Science, Adult Higher Education and Graduate Students. The whole Institute provides with a total of 13 undergraduate specialties and 5 special courses. Six of them may confer the Master's degree. Under the Institute there are 17 special research institutions, such as Research Institute of Applied Optical Technology, Research Institute of Modern Optical Technology, Research Institute of Non-Metallic Materials, Research Institute of Applied Mechanics, Research Institute of Science and Technology Development and Research Institute of Higher Education and so on. In addition, the computer center, the center of characterization and analysis, the center of audio-visual education programs libraries and the Institute — run factory also stand on the campus. All of them are serving the teaching and scientific research projects of entire Institute.

The Institute has 550 faculty members including 130 professors and associate professors and 340 instructors. 3000 undergraduate students and special course students, 130 graduate students and more than a thousand evening university students and correspondence students are studying in the Institute. Since it was founded the Institute has already trained more than 6000 scientific and technical workers who have become the backbone in the field of optics and fine mechanics in our country. Adhering to the orientation of scientific research work for serving the economic construction, the Institute has undertaken more than 200 research projects. Over 40 of them have won prizes of the State, the State Commission of Machine-Building Industry and Jilin province.

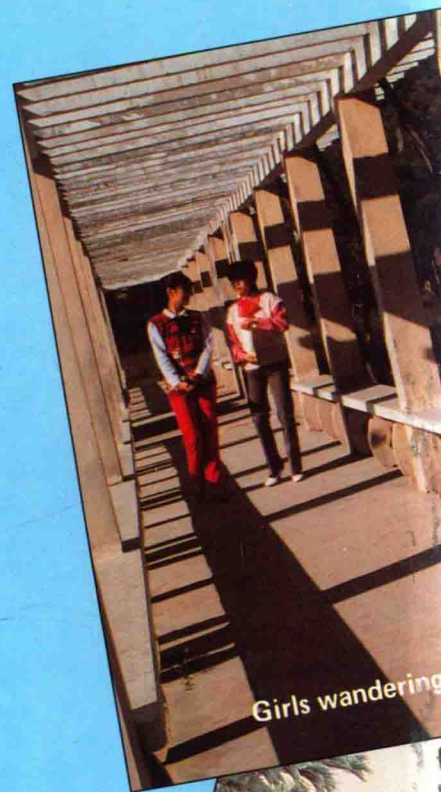
On the basis of nation-wide academic activities which are extensively unfolded, the Institute actively develops the international academic intercourse. Teachers and graduate students were successively sent abroad for inspections, advanced studies, pursuing academic degrees and participating different kinds of international conferences. The Institute also accepts foreign scholars to pay a visit or to give a lecture. Now some advanced visiting scholars from the Soviet Union and other countries are accepted again to conduct their advanced studies.

The Institute covers an area of 32 hectares with a building floor space of 130,000 square meters. The libraries are keeping books of 450,000 volumes. The Institute regularly publishes academic journals, such as "Journal of Changchun College of Optics and Fine Mechanics", "Study on Higher Education", "Applied Writing" and "Optics and Fine Mechanics" and so on. In addition, many kinds of teaching materials have been published.

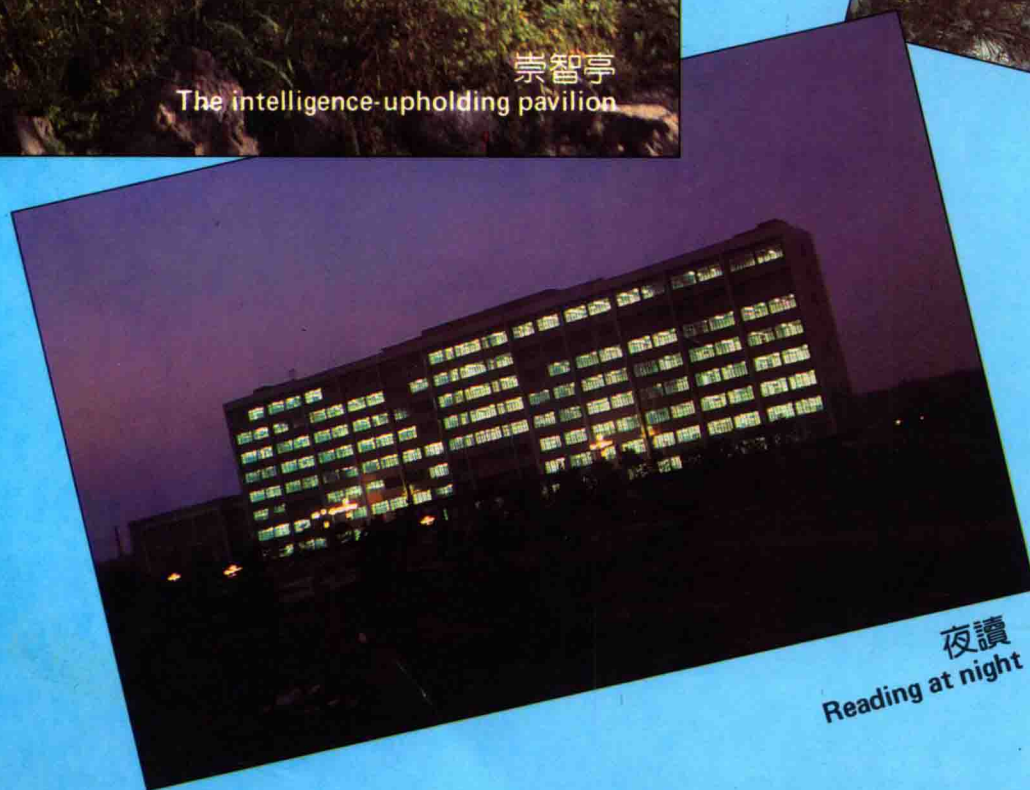
According to the principle of "The education must face to the modernization, the world and the future", the Institute gets united as one and vigorously opens up, ushering the tide of the new technical revolution all over the world.



崇智亭
The intelligence-upholding pavilion



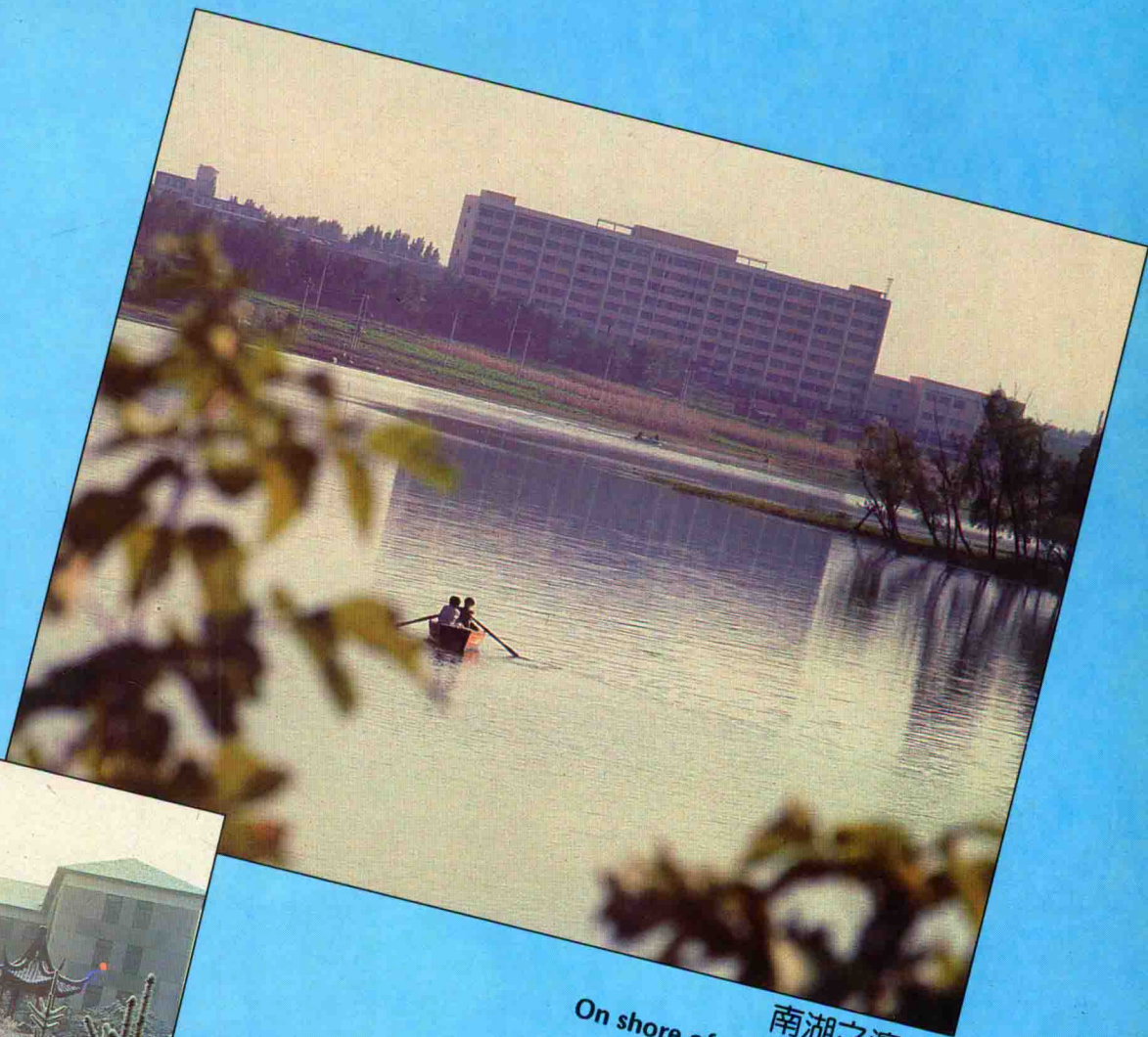
Girls wandering



夜讀
Reading at night



長廊漫步
Along the long corridor



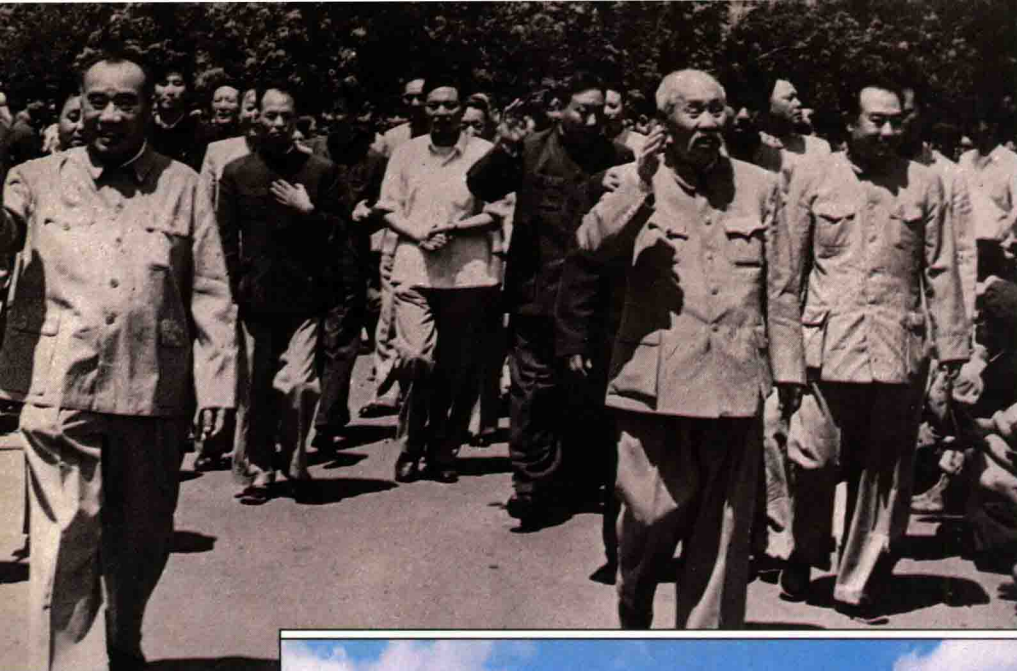
南湖之濱
On shore of the south lake



校園初雪
An early snow on the campus



圖書館金秋
The golden fall of a library



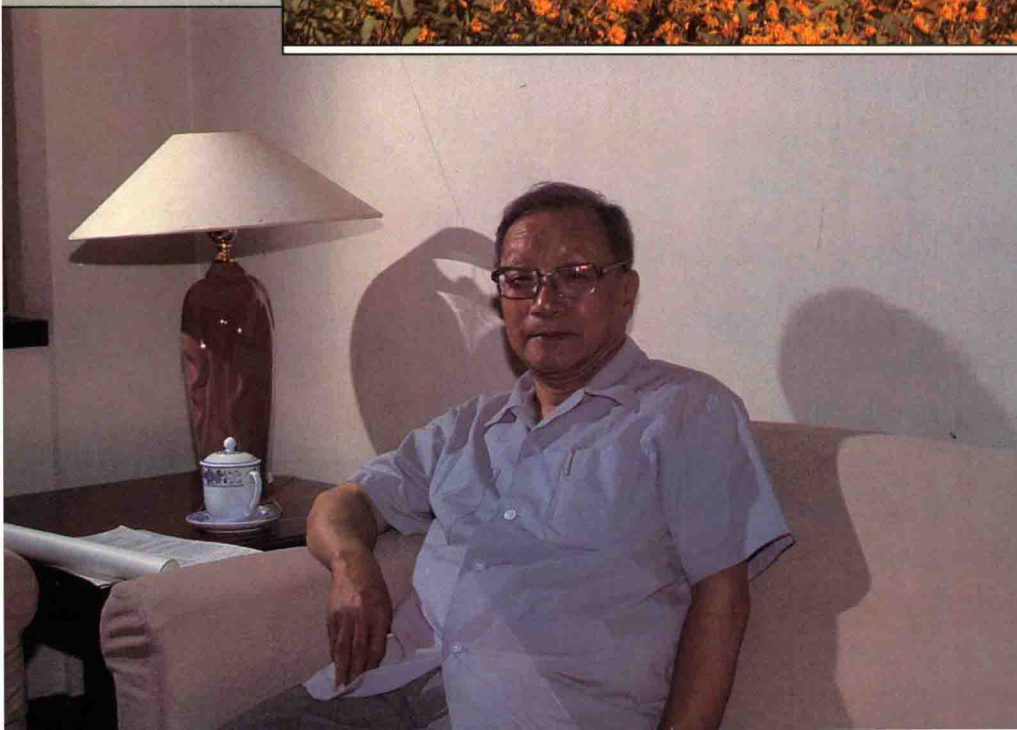
一九五九年朱德、董必武
來學院視察

Zhu De, Dong Biwu inspecting
the Institute in 1959



北教學樓

The north teaching
building



第一任院長、現任名譽院長、中國
學部 委員王大珩教授

Professor Wang Daheng, Honorary President
of the Institute and member of the academic
department of the Chinese Academy of
Sciences, who was also the first President
of the Institute

學院院長 吳士科
Wu Shike, President of
the Institute

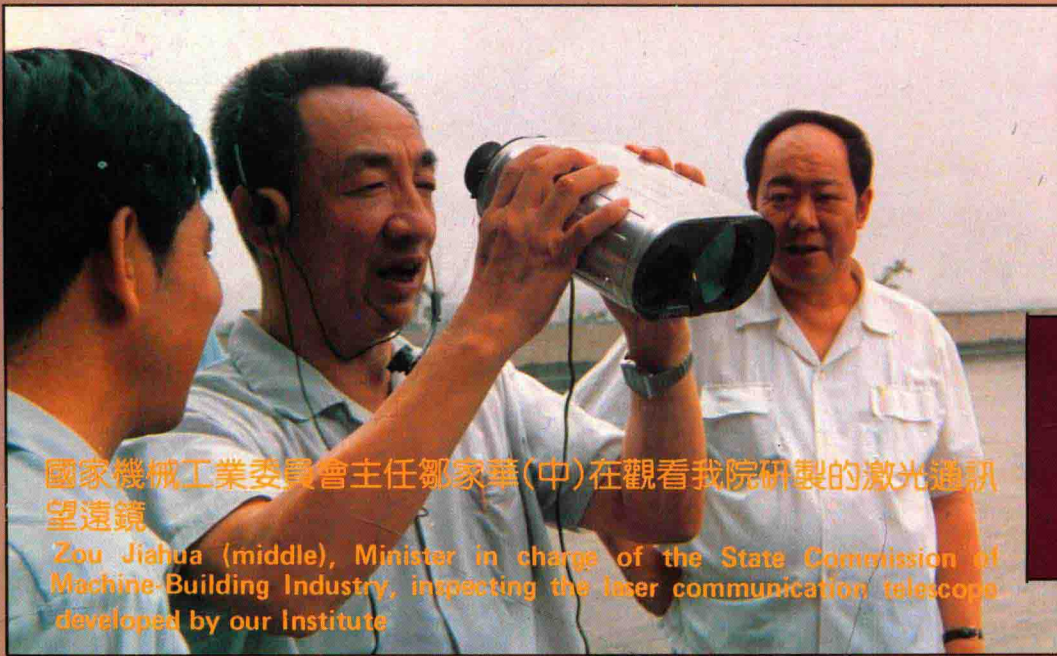


學院黨委書記 張嘉志
Zhang Jiazhi, Secretary of the
Institute's Party Committee



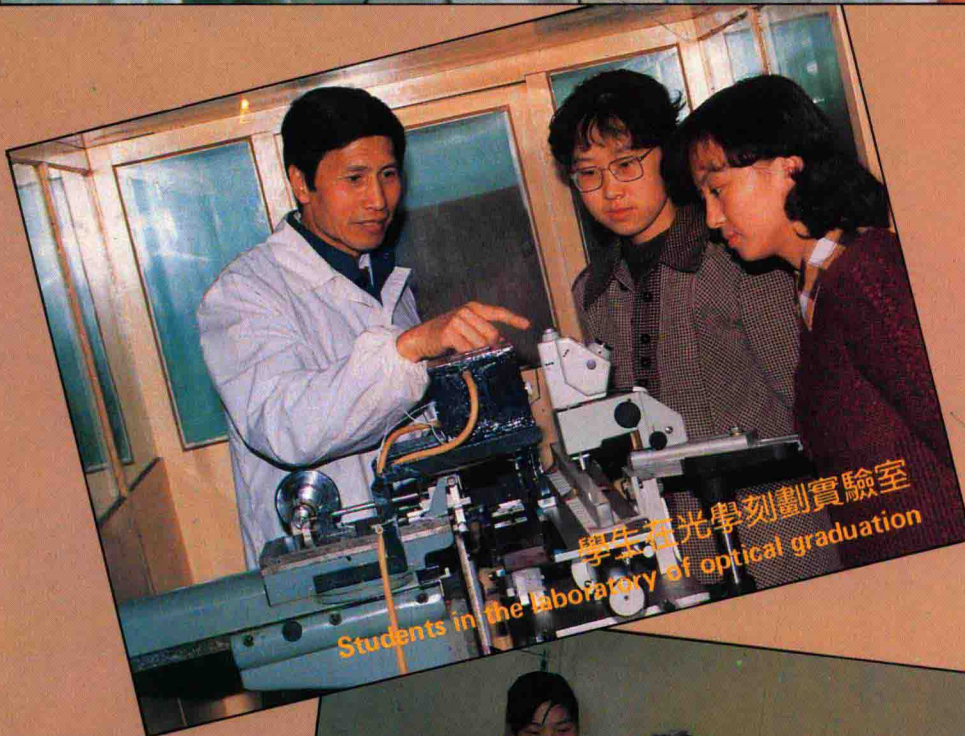
院學術委員會在召開
會議

The Institute's academic
committee having its
meeting



國家機械工業委員會主任鄒家華(中)在觀看我院研製的激光通訊望遠鏡

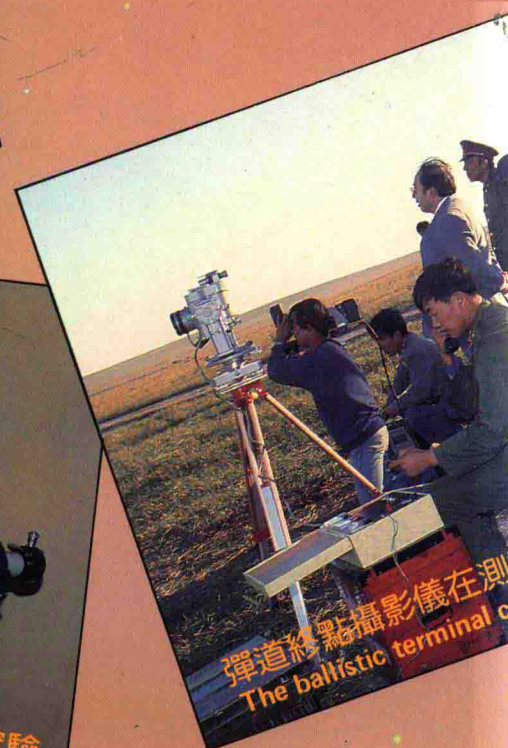
Zou Jiahua (middle), Minister in charge of the State Commission of Machine-Building Industry, inspecting the laser communication telescope developed by our Institute



學生在光學刻劃實驗室
Students in the laboratory of optical graduation



光學測量實驗
An experiment of optical measurements



彈道終點攝影儀在測
The ballistic terminal c



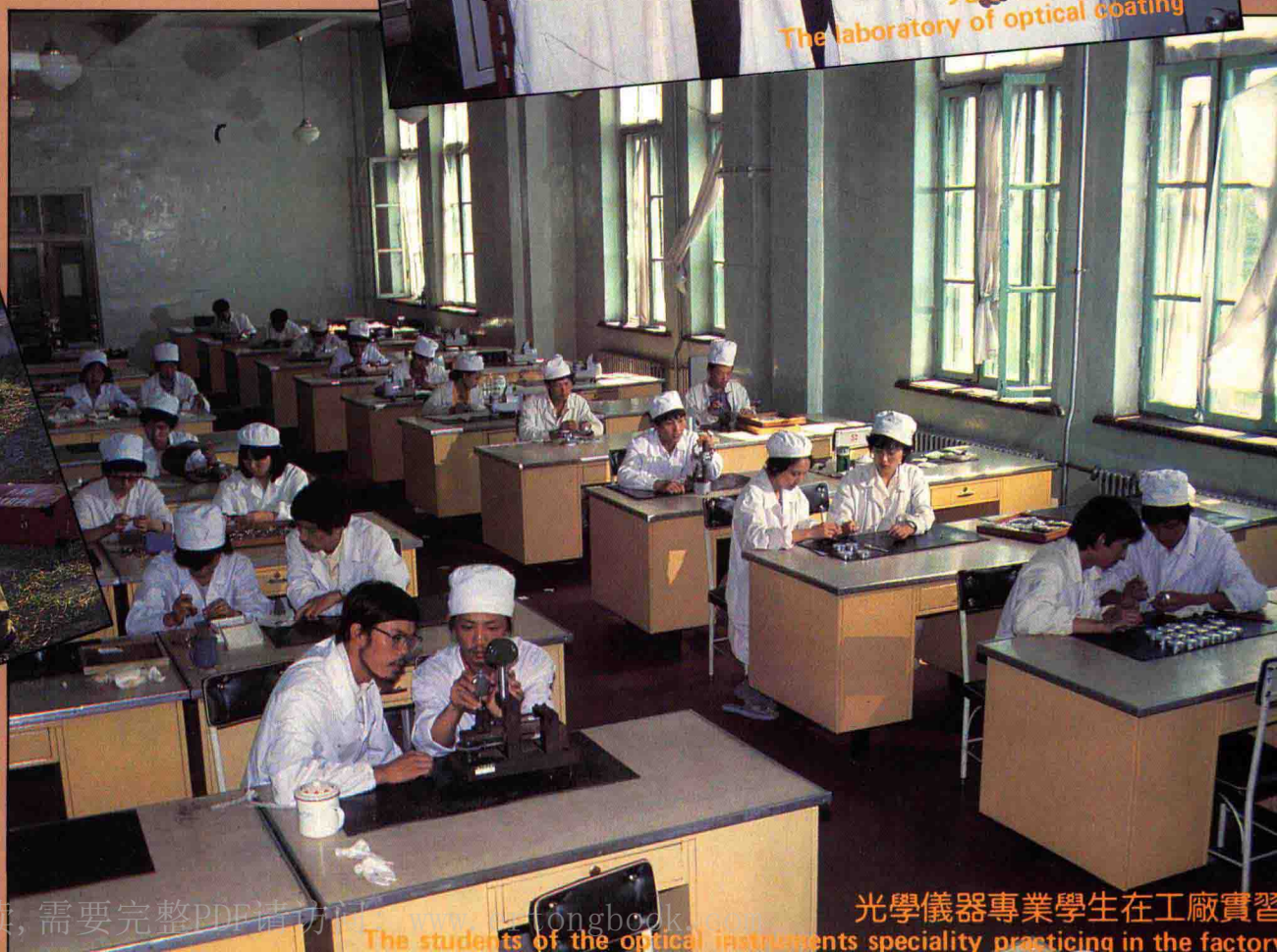
副院長孫震教授在指導研究生
Professor Sun Zhen, Vice-President of the Institute,
instructing the graduate students



光學鍍膜實驗室
The laboratory of optical coating



在測試中



光學儀器專業學生在工廠實習
The students of the optical instruments speciality practicing in the factory



熊大章教授在進行超精加工的研究
Professor Xiong Dazhang doing research on superfinishing



機械製圖課
In a class of mechanical drawing



王价人教授在進行機器人的研究和探索
Professor Wang Jiaren doing research on robots



學生在工廠金工實習
Students practicing metallic technology in the factory





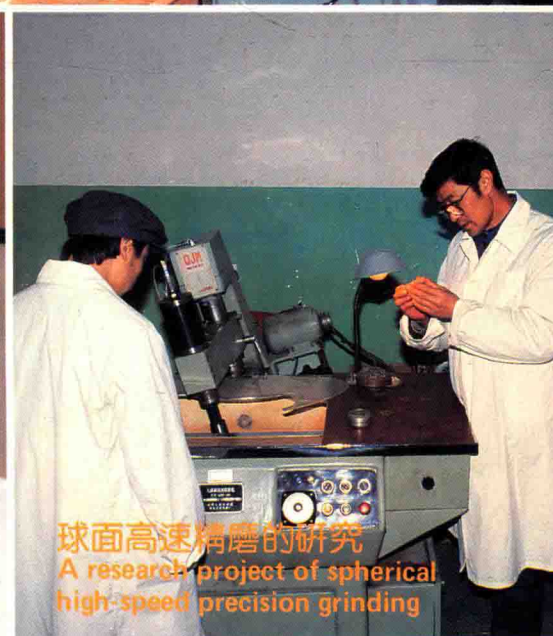
新研製的激光掃描尺寸自動檢測儀在進行測試實驗
The newly developed laser scanning automatic size tester in testing



激光熱處理的研究
A research project of laser heat treatment



王長鵬教授在力學實驗室
Professor Wang Chuanfeng in his mechanical laboratory



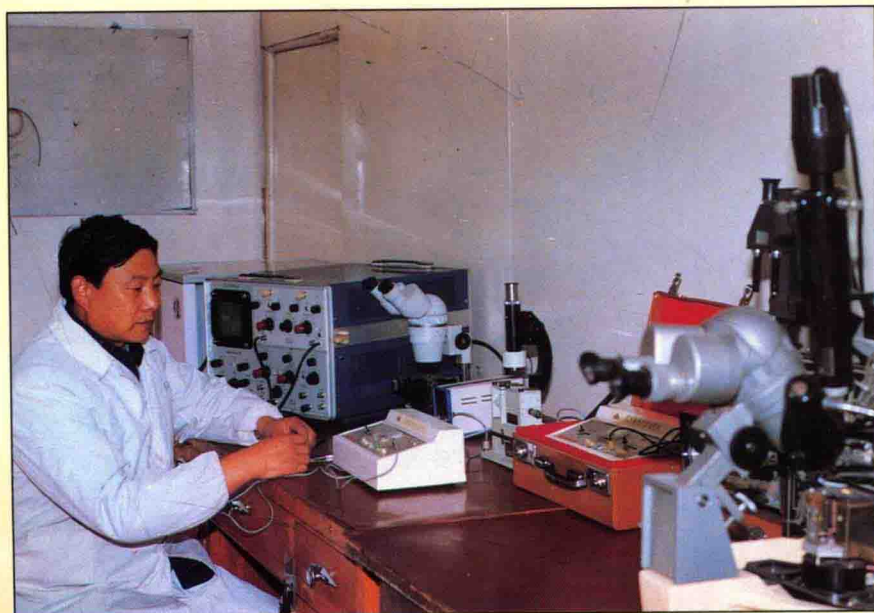
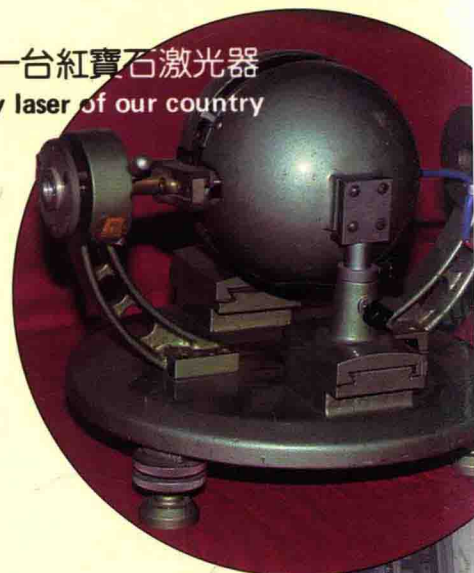
球面高速精磨的研究
A research project of spherical high-speed precision grinding



副院長沈柯教授正在撰寫論文
Professor Shen Ke, Vice-President of the Institute, writing his thesis



我國第一台紅寶石激光器
The first ruby laser of our country



新研製的半導體激光穴位治療儀
The newly developed semiconductor laser acupoint therapeutic apparatus



微通道板超淨實驗室
The clean rooms for
MCP Processing

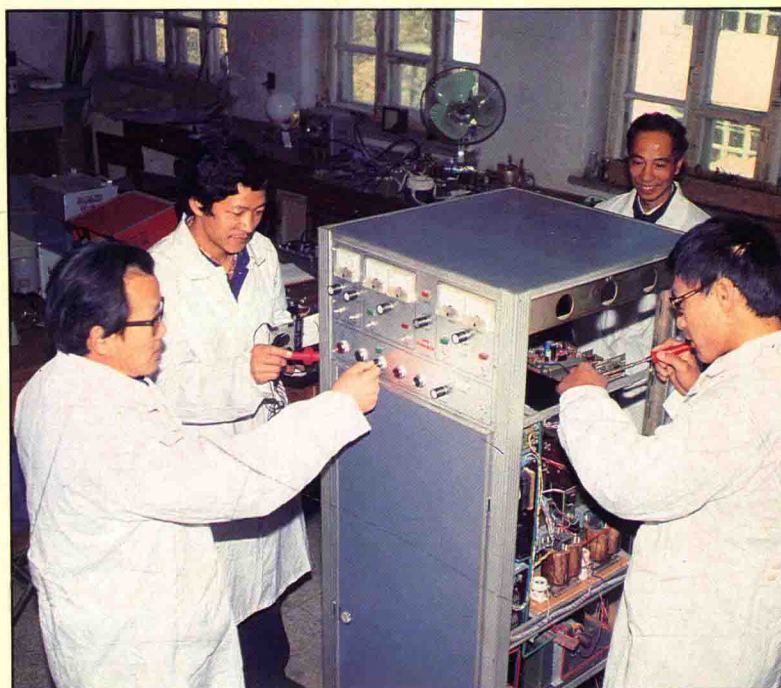




王奎雄教授在
非線性光學實驗室
Professor Wang Kuixong in
the non-linear optics laboratory



氦氖激光實驗室
The He-Ne laser laboratory



新型激光電源在研製中
A new type of laser power supplies under research

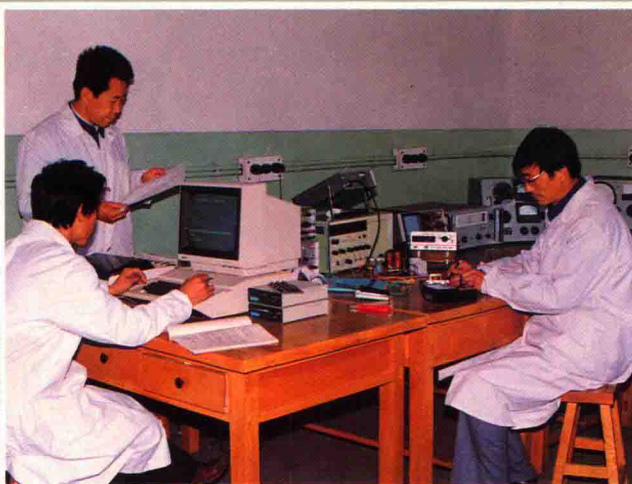


水松紙激光打孔機在試車
The laser perforator of
China cypress paper in
its test run



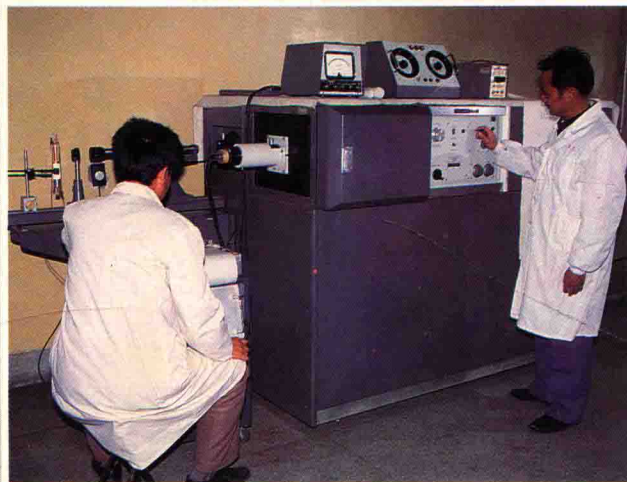


導師和研究生
A teacher and his graduate student



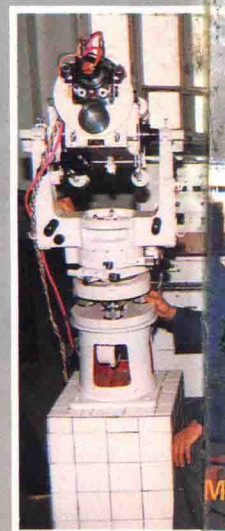
電子測量實驗室

The laboratory of electronic measurements



光譜實驗室

The spectroscopy laboratory

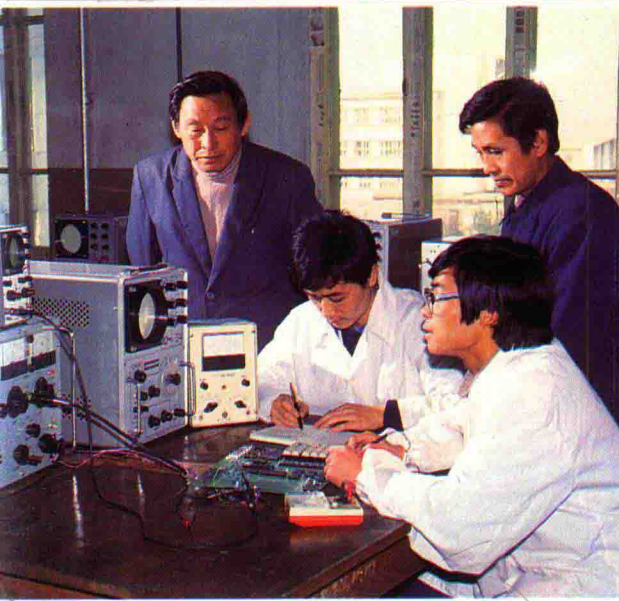


電子
The r



半導體光腔研究室
The laboratory of LOC semiconductor lasers





實驗室
Laboratory of electronic circuits



邱關明教授在給研究生上課
Professor Qiu Guanming, giving a course to his graduate students



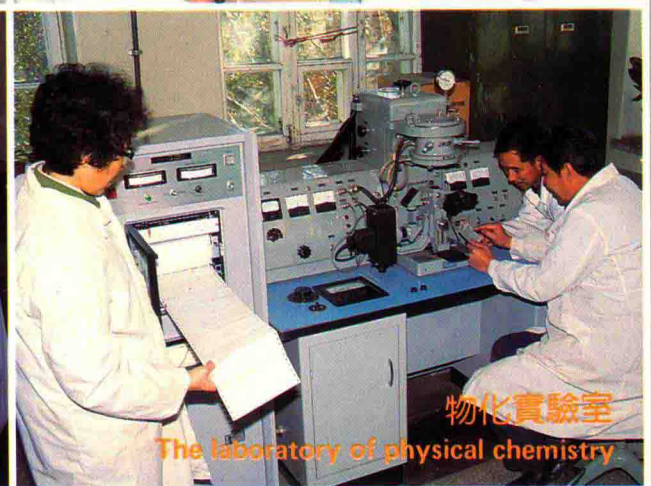
741型彈道攝影儀在調試中
Model 741 ballistic camera in testing



自聚焦光學元件的研究
A research project of self-focusing optical elements



光學玻璃實驗室
The optical glass laboratory



物化實驗室
The laboratory of physical chemistry