

biographical data - tcsuh - biographical data wei-kan chu (principal investigator) distinguished university professor, physics dept., ... lead author of one book backscattering spectrometry co-editor of four books publications and us patents: total over 370 journal papers, and 24 us patents.

determination of composition of lead zirconate-titanate ... - in backscattering spectrometry, the backscattering spectrum provides insight into the composition of a sample. the backscattering spectrum gives a relation between the height of the spectrum h and the channel number. the channel number corresponds to the energy of a backscattered and detected particle e ,. the height of **cc/number 35 this week**™s citation classic **september 1, 1980** - the materials into a book, backscattering spectrometry, published by academic press in 1978.1 "look back, i feel very lucky that i had ... wei-kan chu ibm data system division hopewell junction, ny 12533 august 11, 1980 this paper reviews in principle and by **nisi formation at the silicide/si interface on the nipt/si ...** - nisi formation at the silicide/si interface on the nipt/si system ... nisi formation at the silicide/si interface on the nipt/si system ... backscattering spectrometry (rbs) with 20-kev energy re **chapter xi nelson cue - springer** - chapter xi some applications of small accelerators nelson cue department of physics state university of new york at albany albany, n.y. 12222, usa abstract: with the frontiers of nuclear physics pushed toward ... [ch78] "backscattering spectrometry", wei-kan chu, j.w. mayer and m-a. nicoleet, academic press, n.y. 1978. **evidence for phase transition in the incoherent lattice** **uctua-** - evidence for phase transition in the incoherent lattice ... tions, lattice distortion and local microstructure of pure and implanted sr₂io₃ kalyan sasmal, wei-kan chu, texas center for superconductivity department of physics, university of houston, tx, usa "low temp rutherford backscattering spectrometry-axial ion channeling used to probe ... **chemical vapor deposition of aluminum and gallium nitride ...** - chemical vapor deposition of aluminum and gallium nitride thin films from metalorganic precursors ... university of houston, houston, texas 77204-4792 jia-rui liu, zongshuang zheng, and wei-kan chu texas center for superconductivity, university of houston, houston, texas 77204-5932 ... backscattering spectrometry ~fig. 3! 19,20 in our best ... **ecasiasia™ - newuc.jinr** - wei-kan chu, james w. mayer, marc-a. nicoleet. backscattering spectrometry, academic press, new york san francisco london 1978. 2. l.c.feldman and j.w. mayer. fundamentals of surface and thin films analysis. elsevier, new york, 1986. the number of participants in project is 3-4 persons in the same time. **\$&rpsxwhu6lpxodwlrqriwkh5xwkhuirug c %dfnvdwwhulqj6shfwud** - the basic principles of rutherford backscattering spectrometry are described in detail by wei-kan chu et al.' we will not repeat these here, rather we will present ... wei-kan chu, james w. mayer and ... backscattering spectrometry (aca- [2] j. f. ziegler, j. p. biersack and u. littmark, the stopping and range of ions in solids **alexander kobzev miroslav kulik frank laboratory of ...** - alexander kobzev, miroslav kulik frank laboratory of neutron physics ... the analytical methods such as rutherford backscattering spectrometry (rbs), elastic recoil detection (erd) and particle induce x-ray emission (pixe) are used for investigation of the depth ... wei-kan chu, james w. mayer, marc-a. nicoleet. backscattering spectrometry. **f center formation in sapphire under low dose low energy ...** - f center formation in sapphire under low dose low energy ar irradiation emmanuel njumbe, dharshana wijesundera, buddhi tilakaratne, wei-kan chu, tcsuh ion beam lab, university of houston **applications of nuclear reaction analysis for ...** - applications of nuclear reaction analysis for semiconductor industry luncun wei charles evans & associates, 810 kifer road, sunnyvale, ca 94086 ... wei-kan chu. james w. mayer and marc-a nicoleet, backscattering spectrometry, academic press (1978). 2. joseph r. tesmer and michael nastasi, ed., **communications plasma enhanced chemical vapor deposition ...** - jia-rui liu, zongshuang zheng, and wei-kan chu texas center for superconductivity, university of houston, houston, texas 77204-5932 ... backscattering spectrometry shows that the films are close to stoichiometric. depth profiling by auger electron spectroscopy shows uniform

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