1. Record Nr. UNINA9910158992503321

Autore	Xu Yi-Chong
Titolo	Sinews of power : the politics of the State Grid Corporation of China / / Xu Yi-chong [[electronic resource]]
Pubbl/distr/stampa	New York, NY : , : Oxford University Press, , 2016
ISBN	0-19-027954-0 0-19-027953-2 0-19-027955-9
Descrizione fisica	1 online resource : illustrations (black and white)
Disciplina	333.79320951
Soggetti	Electric utilities - China - Management Electric utilities - Government policy - China Government corporations - China
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Politics of the State Grid Corporation of China -- Electricity -- From the ministry to a corporation -- Overseeing SGCC: the contested regimes of central agencies -- State Grid Corporation of China -- SGCC in action: as a policy entrepreneur -- SGCC in action: as technology innovator -- SGCC in action: internationalisation.
Sommario/riassunto	Electricity is a basic requirement for a modern economy, and it is also at the centre of transition to low-carbon energy production and consumption. Large state-owned enterprises have been controversial in China and globally. Are they puppets of government or modern corporations? By examining the rise and rise of the State Grid Corporation of China, with its 1.2 billion customers, the work weaves together the electricity story and the SOE story to throw new light on China's political economy and on the future of electricity world-wide.

2. Record Nr. UNINA9910145261503321

Autore	Albani Jihad Rene <1956->
Titolo	Principles and applications of fluorescence spectroscopy [[electronic resource] /] / Jihad Rene Albani
Pubbl/distr/stampa	Oxford ; ; Ames, Iowa, : Blackwell Science, c2007
ISBN	1-281-31900-7 9786611319007 0-470-69205-7 0-470-69133-6
Descrizione fisica	1 online resource (270 p.)
Disciplina	543/.56
Soggetti	Fluorescence spectroscopy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Principles and Applications of Fluorescence Spectroscopy; Contents; 1 Absorption Spectroscopy Theory; 1.1 Introduction; 1.2 Characteristics of an Absorption Spectrum; 1.3 Beer-Lambert-Bouguer Law; 1.4 Effect of the Environment on Absorption Spectra; References; 2 Determination of the Calcofluor White Molar Extinction Coefficient Value in the Absence and Presence of a1-Acid Glycoprotein; 2.1 Introduction; 2.2 Biological Material Used; 2.2.1 Calcofluor White; 2.2.2 a1-Acid glycoprotein; 2.3 Experiments; 2.3.1 Absorption spectrum of Calcofluor free in PBS buffer 2.3.2 Determination of e. value of Calcofluor White free in PBS buffer 2.3.3 Determination of Calcofluor White e. value in the presence of a1-acid glycoprotein; 2.4 Solution; References; 3 Determination of Kinetic Parameters of Lactate Dehydrogenase; 3.1 Objective of the Experiment; 3.2 Absorption Spectrum of NADH; 3.3 Absorption Spectrum of LDH; 3.4 Enzymatic Activity of LDH; 3.5 Kinetic Parameters; 3.6 Data and Results; 3.6.1 Determination of enzyme activity; 3.6.2 Determination of kinetic parameters; 3.7 Introduction to Kinetics and the Michaelis-Menten Equation; 3.7.1 Definitions 3.7.2 Reaction rates References; 4 Hydrolysis of p-Nitrophenyl-B-D-Galactoside with B-Galactosidase from E. coli; 4.1 Introduction; 4.2 Solutions to be Prepared; 4.3 First-day Experiments; 4.3.1 Absorption

spectrum of PNP; 4.3.2 Absorption of PNP as a function of pH; 4.3.3 Internal calibration of PNP; 4.3.4 Determination of B-galactosidase optimal pH; 4.3.5 Determination of B-galactosidase optimal temperature; 4.4 Second-day Experiments; 4.4.1 Kinetics of p-nitrophenyl-B-D-galactoside hydrolysis with B-galactosidase; 4.4.2 Determination of the B-galactosidase concentration in the test tube 4.5 Third-day Experiments 4.5.1 Determination of Km and Vmax of B-galactosidase; 4.5.2 Inhibiton of hydrolysis kinetics of p-nitrophenyl-B-D-galactoside; 4.6 Fourth-day Experiments; 4.6.1 Effect of guanidine chloride concentration on B-galactosidase activity; 4.6.2 OD variation with guanidine chloride; 4.6.3 Mathematical derivation of Keq; 4.6.4 Definition of the standard Gibbs free energy, G.; 4.6.5 Relation between G. and G; 4.6.6 Relation between G. and Keq; 4.6.7 Effect of guanidine chloride on hydrolysis kinetics of p-nitrophenyl-B-D-galactoside; References
5 Starch Hydrolysis by Amylase 5.1 Objectives; 5.2 Introduction; 5.3 Materials; 5.4 Procedures and Experiments; 5.4.1 Preparation of a 20 g lS1starch solution; 5.4.2 Calibration curve for starch concentration; 5.4.3 Calibration curve for sugar concentration; 5.4.4 Effect of pH; 5.4.5 Temperature effect; 5.4.6 Effect of heat treatment at 90.C; 5.4.7 Kinetics of starch hydrolysis; 5.4.8 Effect of inhibitor (CuCl2) on the amylase activity; 5.4.9 Effect of amylase concentration; 5.4.10 Complement experiments that can be performed; 5.4.11 Notes; References; 6 Determination of the pK of a Dye
6.1 Definition of pK

Sommario/riassunto

Fluorescence spectroscopy is an important investigational tool in many areas of analytical science, due to its extremely high sensitivity and selectivity. With many uses across a broad range of chemical, biochemical and medical research, it has become an essential investigational technique allowing detailed, real-time observation of the structure and dynamics of intact biological systems with extremely high resolution. It is particularly heavily used in the pharmaceutical industry where it has almost completely replaced radiochemical labelling. Principles and Applications of Fluorescence