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Cover Page, Introduction, Contents, Call for Papers, All papers in one file Welcome to send your manuscript(s) to: editor@sciencepub.net.

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	概率与统计规律 谭天荣 青岛大学 物理系,青岛,山东 266071,中国 ttr359@126.com	
1	内容提要:这里是一组批判卡尔·波普尔的概率理论的文章。波普尔是一个精通数理科学的哲学家,他曾经提出概率的倾向性诠释与量子力学的统计系综诠释。然而,正是在数理科学的领域中,他有两次颇为引人注目的败走麦城。一次是在《科学发现的逻辑》一书中,初出茅庐的波普尔试图设计一个违反"测不准原理"的"判决性实验"。当他认识到自己的错误时,有很长一段时间"处于一种失败主义的情绪中"。另一次是功成名就的波普尔预测检验贝尔不等式的实验将得出反驳量子力学的结论,结果却适得其反,使他大吃一惊。诚然,尽管有这种经历,波普尔仍然是二十世纪最卓越的学者之一。但这两次挫折毕竟表明在波普尔的哲学思想特别是他的概率理论有某些问题。问题究竟在什么地方呢?我将这一组文章中进行探讨。[Academia Arena, 2010;2(4):1-19] (ISSN 1553-992X).	Full Text
	关键词: 概率理论;随机事件;统计规律;统计资料	Full
2	气体分子的两种平均自由程	Text
	In Vitro Sterilization Protocol for Micropropagation of Solanum tuberosum cv. 'Kufri Himalini' Anoop Badoni* and J. S. Chauhan Seed Biotechnology Laboratory Department of Seed Science and Technology H. N. B. Garhwal University, Chauras Campus, Srinagar- 246 174 *For Correspondence: annabadoni@yahoo.co.in	Full Text
3	ABSTRACT : For obtaining contamination free cultures the most important step is sterilization of explants. In the present study the sterilization procedure was standardize for potato cultivar Kufri Himalini. Comparison was done between two important sterilant sodium hypochlorite and mercuric chloride with three time duration 2, 5 and 8 minutes. After sprouting the sprouts of 0.5 to 1 cm. were taken for the study and treated by chemicals of surface sterilization with three selected timings i.e. 2, 5 and 8 minutes. Sterilized explants were inoculated on without hormones MS medium to evaluate the response of different chemicals. The observations were recorded regularly till to 30 days for the non-growing cultures, infected cultures and healthy cultures. Result showed that amongst the two sterilants i.e. NaOCl and HgCl2, NaOCl was found better for controlling	

	the infection and it had not any adverse effect on explants even in long duration. Sodium hypochlorite (NaOCl) for 8 minute (T3) was selected for suitable sterilization chemical after 5 minute of savlon wash, 30-second dip in ethanol and at last washed with double distilled water. [Academia Arena, 2010;2(4):24-27] (ISSN 1553-992X).	
	Keywords: Sterilant, contamination, surface sterilization and explants	
4	潮汐是月亮引起的吗? 袁玉刚 甘肃玉门油田分公司开发处,玉门,甘肃 735200, China 电话号码:0937——3921257; 电子邮箱: yuanyg420@sohu.com 内容摘要:从地球背向太阳和月亮的一面也会涨潮和初一的潮汐并不比十五的大以及月亮公转滞后 于地球和潮汐的自然现象,质疑天体引起地球潮汐的理论,提出了地球系、太阳系旋涡力形成地球 旋臂的思想,用旋臂及其重合解释了各种潮汐的起因。[Academia Arena, 2010;2(4):28-29] (ISSN 1553-992X). 主题词:潮汐 月亮 旋涡力 旋臂	Full Text
	论万有场	<u>Full</u>
5	原创者:陈果仁 guozi6@hotmail.com, gchow@princeton.edu 摘要:我们已经知道,正电场与负电场互为对称场,磁场 S 极与 N 极互为对称场,在本文中我们将知道,正核场与负核场互为对称场,正万有场(万有引力场)与负万有场(万有斥力场)互为对称场。[Academia Arena, 2010;2(4):30-32] (ISSN 1553-992X).	<u>Text</u>
	关键词:正核场、负核场、正万有场、负万有场。	
6	SCREENING SIX CULTIVARS OF COWPEA (Vignia unguiculata (L.) Walp FOR ADAPTATION TO SOIL CONTAMINATED WITH SPENT ENGINE OIL Agbogidi, O. M. Faculty of Agriculture, Delta State University, Asaba Campus, Delta State, Nigeria. omagbogidi@yahoo.com; 07038679939 Abstract: Field experiments were carried out in 2007 and 2008 growing seasons at the Delta State University, Asaba Campus teaching and Research Farm to screen six cultivars of cowpea for adaptation to soil contaminated with spent engine oil. 0 (control), 25, 50, 75 and 100ml of the oil served as the treatments. The experiment was arranged in a randomized complete block design with four replications. The results showed that cowpea cultivars grown in 25ml of spent engine oil gave consistently significant higher (P 0.05) values than the control and the other treatments (50, 75 and 100ml) of the spent oil plant height, leaf area, number of leaves, stem diameter, days to 50% flowering, member of nodes on main stem, number of branches, and number and length of penducle. The results also showed that as from the 50ml of oil application to soil, all the traits examined showed significant reductions (P≥ 0.05) when compared to their controls however, TVx3226 and IT84S − 2246-4 were higher in performance whereas, IT890.699 and IT870-941-1, showed the lowest inhibitory effect. The current study has demonstrated that spent engine oil has a highly significant effect of reducing the growth characteristics of the six cultivars of cowpea examined. [Academia Arena, 2010;2(4):33-40] (ISSN 1553-992X). Keywords: Screening, cowpea cultivars, adaptation, spent engine oil	Full Text
	癌病白血病艾滋病起因和防治供参考	<u>Full</u>
7	孙纯武	<u>Text</u>

别那些高脂肪,也是高热量的易燃易挥发物质,就被细胞内摩擦发热出来的高温烧毁.也就是人体 发烧的体温37度以上烧毁。也将一些小分子物质,如水果蔬莱的基本维生素也被烧毁成尘埃微粒, 沉淀在细胞中,细胞内就像空肚子的人一样少了气体的空壳细胞。因此,只提供了尘埃微粒提供不 了气体营养物质给基因复制和进化,基因复制出蛋白质质量也就在一天天降低.使身体也一天天在 衰弱. [Academia Arena, 2010;2(4):41-43] (ISSN 1553-992X). 关健词:癌病;起因;防治 学郭光灿的《爱因斯坦的幽灵》量子纠缠之跋 Full **Text** ---人们很可能在弦和圈的美丽中迷失方向(1) 葛代序 y-tx@163.com 8 摘要: 中国"概率克隆之父"郭光灿院士,是一位"高锟型"的科学家,有望获得诺贝尔科学 奖。现在郭光灿院士公开出版了《爱因斯坦的幽灵----量子纠缠之谜》一书,我们想通过对该书的 研究,以他助一把之力。[Academia Arena, 2010;2(4):44-51] (ISSN 1553-992X). 关键词: 纠缠 超光速 三旋 Regarding force exerted by gravitational radiation emitted from binary system Full Text Manjunath. R. (Reader in physics) #16. 8th Main road Shivanagar, Rajajinagar, Bangalore-560010, Karnataka, India manjunathr1988@yahoo.in Abstract: The new mathematical model allows us to calculate force exerted by gravitational radiation . It is shown that the equation for the calculation of force exerted by gravitational radiation accounts for the 9 potential energy of the binary system emitting gravitational radiation and life time of an orbit. The above expression F= U/8tC (F= Force exerted by gravitational radiation, U= Gravitational potential energy of the binary system emitting gravitational radiation, t = lifetime of an orbit C=Speed of light in vaccum.) was developed based on the Newton gravitational concepts and basic concepts of gravitational waves. The force of gravitational radiation is defined as the function of rate of energy loss of binary system with respect to orbital decay. [Academia Arena, 2010;2(4):52-58] (ISSN 1553-992X). **Key words:** Force of gravitational radiation, Gravity, Speed of light, Radius of orbit, Gravitational potential energy. 用正确的社会发展观解释:什么是现代化?什么是社会主义社会和社会主义的初级阶段? Full **Text** ====兼评现在中国"社会主义初级阶段"的实质、特色和发展前景==== 张洞生 **Dongsheng Zhang** 9/15/2009 1957年毕业于北京航空学院,即现在的北京航天航空大学 . E-mail: ZhangDS12@hotmail.com 【**前言**】:中共中央政治局 2009年 9月 9日就新中国成立以来对社会主义现代化的认识和实践进 行第十六次集体学习。总书记胡锦涛在主持学习时提出:"继续探索把握社会主义现代化规律,更 好把社会主义现代化推向前进"。邓小平在1980年代总结中国社会主义历史经验时多次讲到,"我 们过去对什么叫社会主义,怎样建设和发展社会主义的认识不是完全清醒的",指出,这是"最根本 10 **的一条经验教训**"。问题在于,邓小平只从社会历史的实践中体认到:"**贫穷不是社会主义**"。所 以直到现在为止,从从马克思、恩格斯、列宁、斯大林到毛泽东邓小平、胡锦涛到现在中国共产党 的理论家们,仍然在"摸着石头过河",而不知道河对岸的社会主义应该是个什么模样。他们不能 用人类社会历史发展观的过程和大方向阐明下面的最基本问题:"什么是现代化及其要达到的目 标"?"什么是社会主义和社会主义社会"?"社会主义社会"应该处于人类社会的哪个历史阶 段?因此,只有首先搞清上述问题后,才能对胡锦涛提出的"探索把握社会主义现代化规律"和 "中国特色的社会主义"的本质和特征等问题不至瞎子摸象。作者试图在此文中,以作者新提出的 人类社会发展史观来探讨和解释这些基本问题,给"现代化"、"社会主义" " 社会主义社会 " 和"中国特色社会主义"等基本概念正名和历史定位。[Academia Arena, 2010;2(4):59-76] (ISSN 1553-992X).

关键词:现代化;社会主义;社会主义社会;社会主义初级阶段;中国特色的社会主义;消除城 乡、工农、地区 3 大差别;前资本主义社会;后资本主义社会;社会主要生产力的动力 Regarding ultimate fate of our mother earth Full Text Manjunath. R. (Reader in physics) #16. 8th Main road, Shivanagar, Rajajinagar, Bangalore-560010, Karnataka, India manjunath5496@gmail.com; manjunathr1988@yahoo.in **Abstract**: From past several centuries many scientists are struggling hard to understand the truth of ultimate fate of our mother earth. Most of the assumptions and predictions regarding the ultimate fate of our mother earth have been proved to be wrong .I have made an attempt to figure out the ultimate fate of our 11 mother earth through a mathematically derived equation i.e $\mathbf{R} = \mathbf{c}/\mathbf{H}$ cosec [(/ 0)^ 1/3 - 1] { where R=Radius of elliptical orbit in which earth moves around the sun, c= speed of light in vaccum $(3*10^8 \text{m/s})$, H=present Hubble constant (which is the function of time), $_0$ = present mass density of universe, = later mass density of universe which vary with respect to time 't'. = angle between concepts d1 and d respectively}. The above expression was developed based on cosmological, astronomical and mathematical concepts. The above paper also describes about the variation of radius of earth's elliptical orbit around the sun with mass density of infinite universe. [Academia Arena, 2010;2(4):77-84] (ISSN 1553-992X). **Keywords:** Angle, Density, Radius Full 学郭光灿的《爱因斯坦的幽灵》量子纠缠之跋 **Text** ---人们很可能在弦和圈的美丽中迷失方向(1) 葛代序 Ge Daixu Email Address: y-tx@163.com 12 摘要 中国"概率克隆之父"郭光灿院士,是一位"高锟型"的科学家,有望获得诺贝尔科学奖。 现在郭光灿院士公开出版了《爱因斯坦的幽灵----量子纠缠之谜》一书,我们想通过对该书的研 究,以他助一把之力。[Academia Arena, 2010;2(4):85-91] (ISSN 1553-992X). 关键词 纠缠 超光速 三旋 Full **Text** 学郭光灿《爱因斯坦的幽灵》的无用之学? ---人们很可能在弦和圈的美丽中迷失方向(2) 葛代序 Ge Daixu Email Address: y-tx@163.com 13 摘要: 纠缠不等于共轭, 共轭不等于缠结, 缠结不等于幽灵, 幽灵不等于超光速, 超光速不等于实 数超光速,实数超光速不等于虚数超光速。量子隐形传输态到底能够应用到什么程度?从量子密码 到完全保密的量子通信,从量子计算机到未来的量子互联网,还远远不够,它的底线也许还涉及未 来低碳能源等类似量子色动化学一类的应用。[Academia Arena, 2010;2(4):92-99] (ISSN 1553-992X). **关键词:** EPR 纠缠 隐形传输 退相干