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https://www.100test.com/kao_ti2020/124/2021_2022_GRE_E5_87_ BA_E5_9B_BD_E8_c86_124232.htm 8. Such variations in size, shape, chemistry, conduction speed, excitation threshold, and the like as had been demonstrated in nerve cells remained negligible in significance for any possible correlation with the manifold dimensions of mental experience. ? ? 9.Although qualitative variance among nerve energies was never rigidly disproved, the doctrine was generally abandoned in favor of the opposing view , namely , that nerve impulses are essentially homogeneous in quality and are transmitted as "common currency" throughout the nervous system. Other experiments revealed slight variations in the size, number, arrangement, and interconnection of the nerve cells, but as far as psychoneural correlations were concerned , the obvious similarities of these sensory fields to each other seemed much more remarkable than any of the minute differences. Although some experiments show that, as an object becomes familiar, its internal representation becomes more holistic and the recognition process correspondingly more parallel, the weight of evidence seems to support the serial hypothesis, at least for objects that are not notably simple and familiar. 虽然某些实验表明,随着 一个物体变得熟悉起来,其内心再现图像亦更具整体感,辨 认过程相应地更趋于平行,但证据的砝码似乎在支持序列假 设(serial hypothesis),至少是对于那些不甚简单、不甚熟悉 的物体来说。 10.In large part as a consequence of the feminist

movement, historians have focused a great deal of attention in recent years on determining more accurately the status of women in various periods. 在很大程度上,由于女权主义运动(feminist movement)的缘故,史学家近年来汇聚了大量的注意力,来 更为准确地确定妇女在各个历史时期的地位。 11.Thus , for instance, it may come as a shock to mathematicians to learn that the Schrodinger equation for the hydrogen atom is not a literally correct description of this atom, but only an approximation to a somewhat more correct equation taking account of spin, magnetic dipole , and relativistic effects; and that this corrected equation is itself only an imperfect approximation to an infinite set of quantum field-theoretical equations. 因此,举例来说,对数学家而言,了 解到下述情形可能会令其惊愕不已,即薛定谔(Schrodinger)的氢原子方程式并非是对该原子作出的一种绝然正确的描 述,而仅仅是个近似值,趋近于一个在某种程度上更为正确 的将自旋、磁性偶极子、以及相对论效应考虑在内的方程式 ; 而这个得以纠正的方程式就其本身而言也只是一个不完美 的近似值, 趋近于无穷无尽的一整套量子场论方程式。 100Test 下载频道开通, 各类考试题目直接下载。详细请访问 www.100test.com