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THE WORLD'S
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The Worlds 20 Greatest Unsolved Problems

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The Worlds 20 Greatest Unsolved Problems:

The World's 20 Greatest Unsolved Problems John R. Vacca, 2005 When Phebe Hedges a woman in East Hampton New York walked into the sea in 1806 she made visible the historical experience of a family affected by the dreaded disorder of movement mind and mood her neighbors called St Vitus s dance Doctors later spoke of Huntington s chorea and today it is known as Huntington s disease This book is the first history of Huntington s in America Starting with the life of Phebe Hedges Alice Wexler uses Huntington s as a lens to explore the changing meanings of heredity disability stigma and medical knowledge among ordinary people as well as scientists and physicians She addresses these themes through three overlapping stories the lives of a nineteenth century family once said to belong to the disease the emergence of Huntington s chorea as a clinical entity and the early twentieth century transformation of this disorder into a cautionary eugenics tale In our own era of expanding genetic technologies this history offers insights into the social contexts of medical and scientific knowledge as well as the legacy of eugenics in shaping both the knowledge and the lived experience of this disease

Optical Networking Best Practices Handbook John R. Vacca, 2006-11-28 Optical Networking Best Practices Handbook presents optical networking in a very comprehensive way for nonengineers needing to understand the fundamentals of fiber high capacity high speed equipment and networks and upcoming carrier services The book provides a practical understanding of fiber optics as a physical medium sorting out single mode versus multi mode and the crucial concept of Dense Wave Division Multiplexing

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