

# Physics Paul Tippens

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physics is a science that studies the structure of matter and how the universe s fundamental building blocks interact its scope ranges from the infinitesimally small objects studied using the principles of

various branches of physics physics can be classified into various branches but classical physics is mainly concerned with energy and matter the traditional branches of classical physics are optics

by nature laws of physics are stated facts which have been deduced and derived based on empirical observations simply put the world around us works in a certain way and physical laws are a way of

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physics is a science that studies the interaction between basic constituents of the visible universe from a wider perspective physics deals with every aspect of nature on macroscopic as well as

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physics makes noteworthy offerings in new technologies that arise from theoretical advances for instance advances in the comprehension of electromagnetism or nuclear physics led directly to the

electromagnetic waves were first postulated by james clerk maxwell and subsequently confirmed by heinrich hertz electromagnetic waves are created as a result of vibrations between an electric and

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what is pascal s law according to pascal s law the external static pressure applied on a confined liquid is distributed or transmitted evenly throughout the liquid in all directions the static pressure

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