

## **Everyday Calculus Discovering The Hidden Math All Around Us Oscar E Fernandez**

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In *Everyday Calculus*, Oscar Fernandez shows us how to see the math in our coffee, on the highway, and even in the night sky. Fernandez uses our everyday experiences to skillfully reveal the hidden calculus behind a typical day's events.

### **Everyday Calculus : Discovering the Hidden Math All Around ...**

*Everyday Calculus: Discovering the hidden math all around us* As a mathematician, it will not be difficult to connect mathematics to everything you see around you. Look at a tree and you may think about complex fluid dynamical modeling problems for the lifestream pumped from the roots to the leaves.

### **MAT-262-RS-EverydayCalculusSupplement.pdf - Classroom ...**

WHEN IT WAS PUBLISHED IN 2014, *Everyday Calculus* promised to help readers learn the basics of calculus by using their everyday experiences to reveal the hidden calculus around them. It also promised to do

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### **Everyday Calculus: Discovering the Hidden Math All around ...**

The author earnestly and excitedly seeks to make the principles of calculus near and natural, without the intimidation of a five-pound textbook dense with equations. Oscar Fernandez describes the math in a cooling cup of coffee, falling rain drops, population growth, and the stars of the night sky.

### **Everyday Calculus: Discovering the Hidden Math All Around Us**

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### **Everyday Calculus: Discovering the Hidden Math All Around ...**

Fernandez uses our everyday experiences to skillfully reveal the hidden calculus behind a typical day's events. He guides us through how math naturally emerges from simple observations—how hot coffee cools down, for example—and in discussions of over fifty familiar events and activities.

### **PREFACE TO THE PAPERBACK EDITION**

And yet, in reality, calculus is fun and accessible, and surrounds us everywhere we go. In *Everyday Calculus*, Oscar Fernandez demonstrates that calculus can be used to explore practically any aspect of our lives, including the most effective number of hours to sleep and the fastest route to get to work. He also shows that calculus can be both ...

### **Everyday Calculus: Discovering the Hidden Math All around ...**

November 10, 2016 Time: 11:28am Appendix1-7.tex APPENDIX 1 1. We can translate the information given about the typical sleep cycle into values for  $A, B, C$  for the function  $f(t) = A \cos(Bt) + C$ . From Appendix A we know that  $B = 2\pi/T$ , so that from  $T = 1.5$  we get  $B = (4/3)\pi$ . Since the highest sleep stage is 0 and the lowest is -4,

### **Everyday Calculus | Princeton University Press**

Uses everyday experiences to reveal the hidden calculus behind a typical day's events, showing how math naturally emerges from simple observations such as how hot coffee cools down, and demonstrating that calculus can be both useful and fascinating.

### **Everyday calculus : : discovering the hidden math all ...**

From the Preface of *Everyday Calculus: Discovering the Hidden math All around Us* by Oscar Fernandez Since the late 1600s, when calculus was being developed by the greatest mathematical minds of the day, scores

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of people across the world have

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### **Everyday Calculus: Discovering the Hidden Math All around ...**

The Paperback of the Everyday Calculus: Discovering the Hidden Math All around Us by Oscar Fernandez at Barnes & Noble. FREE Shipping on \$35.0 or more! Holiday Shipping Membership Educators Gift Cards Stores & Events Help

### **Review: Everyday Calculus: Discovering the hidden math all ...**

Contents/Summary. In Everyday Calculus, Oscar Fernandez shows us how to see the math in our coffee, on the highway, and even in the night sky. Fernandez uses our everyday experiences to skillfully reveal the hidden calculus behind a typical day's events. He guides us through how math naturally emerges from simple observations-how hot coffee cools...

### **Everyday calculus : discovering the hidden math all around ...**

[Everyday Calculus] will certainly open the eyes of any reader who wishes to appreciate the mathematics and calculus which surrounds us." - Mathematics Today " Everyday Calculus tracks a day in the life of mathematician Oscar Fernandez, from his morning cup of joe to his night out at the theater, and lets us see the world the way he does ...

### **School Name: Group Members**

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"Professor Fernandez is a delightfully quirky writer and his book Everyday Calculus is lighthearted and compelling, connecting mathematics to daily life." a book review by Robert Schaefer: Everyday Calculus: Discovering the Hidden Math All Around Us

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