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[Asymptotics and perturbation methods - Lecture 1: Asymptotic expansions](#)

*Asymptotics and perturbation methods - Lecture 1: Asymptotic expansions von Steven Strogatz vor 2 Monaten 1 Stunde, 10 Minuten 7.939 Aufrufe ... , methods , , offered by Prof. Steven Strogatz at Cornell University in Spring 2021. , Asymptotic methods and perturbation theory , are ...*

[Regular perturbation theory](#)

*Regular perturbation theory von Nathan Kutz vor 3 Monaten 28 Minuten 1.244 Aufrufe This lecture is part of a series on advanced*

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**differential equations** ,  
**asymptotics** , \u0026 ,  
**perturbations** , . This lecture  
provides a formal ...

### [Lecture 11: Regular perturbation methods for ODEs](#)

**Lecture 11: Regular perturbation  
methods for ODEs** von Steven  
Strogatz vor 1 Monat 1 Stunde, 14  
Minuten 613 Aufrufe This lecture  
introduces the simplest ,  
perturbation methods , for  
analyzing ordinary differential  
equations (ODEs). These , methods  
, go ...

### [Perturbation Theory in Quantum Mechanics - Cheat Sheet](#)

**Perturbation Theory in Quantum  
Mechanics - Cheat Sheet** von Pretty  
Much Physics vor 2 Jahren 7  
Minuten, 15 Sekunden 46.011  
Aufrufe In this video we present

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**all the equations you need to know  
when you want to do time  
(in)dependent,  
(non-)degenerate ...**

### [The Art of Asymptotic Approximation - LMS 1989](#)

**The Art of Asymptotic  
Approximation - LMS 1989 von  
Imperial College London vor 6  
Jahren 53 Minuten 11.660 Aufrufe  
Based on the 1989 London  
Mathematical Society Popular  
Lectures, this special 'television  
lecture' entitled \"The Art of ,  
Asymptotic , ...**

### [Asymptotic expansion](#)

**Asymptotic expansion von WikiAudio  
vor 5 Jahren 4 Minuten, 22  
Sekunden 2.489 Aufrufe Asymptotic  
, expansion In mathematics, an ,  
asymptotic , expansion, ,  
asymptotic , series or Poincaré**

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*expansion (after Henri Poincaré)  
is ...*

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**The Big Bounce, Signs in the CMB?  
A Loop Quantum Gravity update von  
skydiverphil vor 10 Monaten 33  
Minuten 11.863 Aufrufe Is there  
evidence of a cosmic Big Bounce in  
the sky? Can dark energy be solved  
by quantum gravity? In our second  
report from ...**

### [Lecture 6: Steepest descent](#)

**Lecture 6: Steepest descent von  
Steven Strogatz vor 1 Monat 1  
Stunde, 25 Minuten 975 Aufrufe By  
going into the complex plane, we  
can unify Laplace's , method ,  
(Lecture 4) and the , method , of  
stationary phase (Lecture 5).**

### [Lecture 10: Perturbation methods for algebraic equations](#)

**Lecture 10: Perturbation methods**

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*for algebraic equations von Steven Strogatz vor 4 Wochen 1 Stunde, 13 Minuten 528 Aufrufe This lecture introduces the ideas of , perturbation theory , in their simplest form. We apply perturbation , methods , to algebraic ...*

### [Basic Perturbation theory : Singular perturbation I](#)

*Basic Perturbation theory : Singular perturbation I von Nitin Upadhyaya vor 5 Jahren 12 Minuten, 8 Sekunden 11.570 Aufrufe Video series introducing the basic ideas behind , perturbation theory , . We will cover regular and singular , perturbation theory , using ...*

### [homotropy perturbation method for beger equation, nonlinear equation](#)

*homotropy perturbation method for beger equation, nonlinear equation*

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Aufrufe**

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perturbation method for ODE](#)**

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perturbation method for ODE von  
Aditya Bandopadhyay - IIT  
Kharagpur vor 2 Jahren 30 Minuten  
2.103 Aufrufe Singular ,  
perturbation , technique for  
boundary layer identification and  
resolution.**

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