

MS-A0111 - Differential and Integral Calculus 1, 07.09.2020-21.10.2020

Grades

Sections

- »

Welcome
- »

Materials
- »

Assignments
- »

STACK
- »

Homework submission
- »

Home Exam
- »

Exam (21.10.20, 16.30-20.30)

Dashboard

Site home

Calendar

Learner Metrics

Teacher Metrics

MS-A0111 - Differential and Integral Calculus 1, 07.09.2020-21.10.2020

Dashboard / Courses / School of Science / department of... / ms-a0111 - di... / Sections / Materials / lecture 3 (ac...

Started on	Saturday, 19 September 2020, 1:41 PM
State	Finished
Completed on	Saturday, 19 September 2020, 1:42 PM
Time taken	48 secs
Grade	3.00 out of 3.00 (100%)

Question 1

Flag question

Mark 1.00 out of 1.00

Correct

Does the function $f(x) = x^3$ have an extremal value at $x = 0$?

- Select one or more:
- ☒

a. No

Yes, it is an inflection point, but not a critical point.
- ☐

b. Yes

Your answer is correct.

The correct answer is: No

Question 2

Flag question

Mark 1.00 out of 1.00

Correct

Find the derivative of the function $f(x) = e^{e^x}$ at $x = 1$.

- Select one or more:
- ☐

a. 1
- ☐

b. e^2
- ☒

c. e^{e+1}

Well done!

Your answer is correct.

The correct answer is: e^{e+1}

Question 3

Flag question

Mark 1.00 out of 1.00

Correct

Find the derivative of $f(x) = \arctan(2x)$.

- Select one or more:
- ☐

a. $\frac{1}{1+4x^2}$
- ☒

b. $\frac{2}{1+4x^2}$
- ☐

c. 0

Your answer is correct.

The correct answer is: $\frac{2}{1+4x^2}$

[Finish review](#)

◀ Lecture 2 (Activation Quiz)

Lecture 4 (Activation Quiz) ▶



- Tuki / Support
- Opiskelijoille / Students**
- [MyCourses instructions for students](#)
 - email: mycourses(at)aalto.fi

- Opettajille / Teachers**
- [MyCourses help](#)
 - [MyTeaching Support form](#)

- Palvelusta
- [MyCourses rekisteriseloste](#)
 - [Tietosuojailmoitus](#)
 - [Palvelukuvaus](#)
 - [Saavutettavuusseloste](#)

- About service
- [MyCourses protection of privacy](#)
 - [Privacy notice](#)
 - [Service description](#)
 - [Accessibility summary](#)

- Service
- [MyCourses registerbeskrivning](#)
 - [Dataskyddsmeddelande](#)
 - [Beskrivning av tjänsten](#)
 - [Sammanfattning av tillgängligheten](#)

