

1096-M5-1619 **Mika K Seppala*** (mika.seppala@myweps.com). *WEPS Online Math Courses vs. Traditional Instruction.*

The WEPS Service (myweps.com) offers online courses. University of Helsinki offers five completely online courses in mathematics. The first open online course was offered in 2004, long before the invention of the word MOOC for such courses.

The University of Helsinki online math courses have been developed as an alternative to traditional courses. Initially they have been offered along with the traditional courses. Comparative studies have shown that the learning results of students of online courses have been better than those of traditional face-to-face instruction. In some cases, these online courses have then replaced the corresponding traditional courses.

In this talk I will discuss what makes the online instruction work.

References

1. Xambo Descamps, S., Bass, H., Bolanos Evia, G., Seiler, R. & Seppälä, M. 2006. e-learning mathematics. Proceedings of the International Congress of Mathematicians, vol. III p. 1743-1768 26 p. (Received September 16, 2013)