

# CWSF 2007 - Truro, Nova Scotia

## Mate Bezdek

### Dual Tomography

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by request.

**Division:** International / None

**Category:** Intermediate

**Region:** Calgary Youth

**City:** Calgary, AB

**School:** St. Brigid

**Abstract:** Geometric X-raying is one of the fastest developing areas of modern mathematics, having close ties to engineering as well. In my project, I developed a dual theory, which I call Dual Tomography, with the help of which I was able to solve quite a number of fundamental problems. An important characteristic of this theory is that it automatically generates results for geometric tomography as well.

Awards	Value
The Actuarial Foundation of Canada Award - Intermediate	\$750
Total	\$750