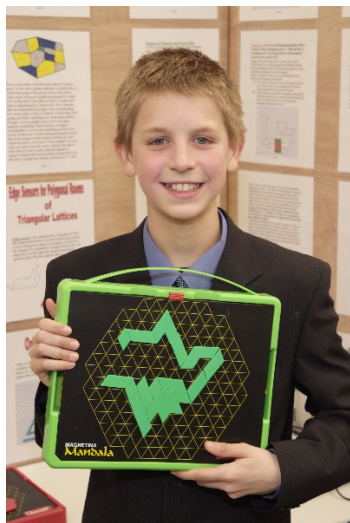


CWSF 2007 - Truro, Nova Scotia



Mark Bezdek

Ideal Sensor Patterns

Division: International / None

Category: Junior

Region: Calgary Youth

City: Calgary, AB

School: St. Jean Brebeuf School

Abstract: Art gallery problems form a central part of the modern and fast developing area called discrete mathematics. My project outlines some of the main results of this research area and introduces a new family of problems called the parkade or parking lot problem. I solved three fundamental cases of this problem and indicated a way to solve the missing fourth case.

Biography

Born in Budapest, Hungary, Mark Bezdek came to Canada in 2003, at age of 9. This is currently his first year attending the CWSF. Mark has a wide interest of Mathematics and Science, Mark is also interested in hockey, soccer, and basketball. When he grows up he would like to be a computer technician. Mark plans to finish his undergraduate years at the University of Calgary. Mark lives by the quote "The best way to live your life is to be an optimist." Mark loves to be outside and play sports with his brothers and friends and also loves to visit other countries. Mark speaks three languages.