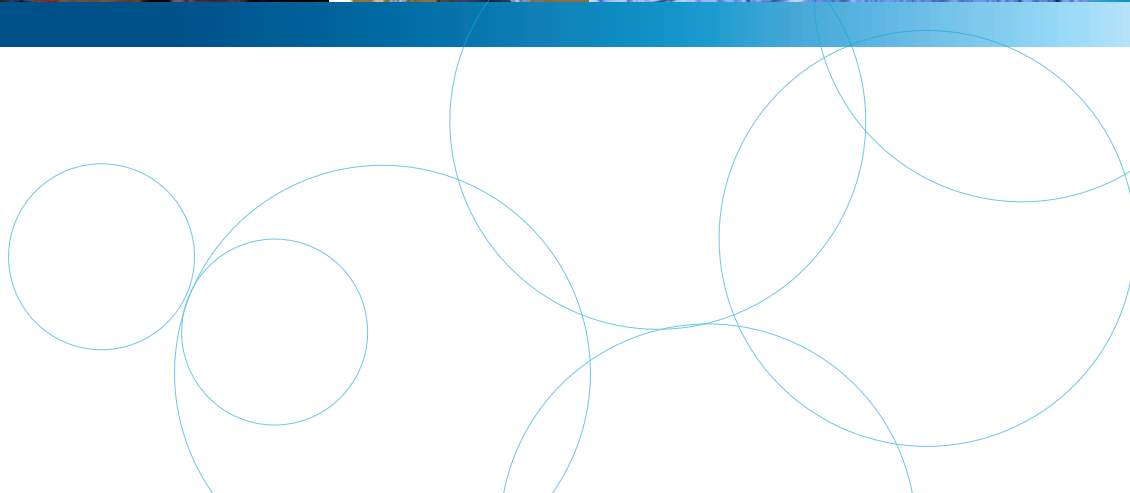




**IMSA** PROMISE

Providing Opportunities for Mathematics  
and Science Enrichment



# IMSA PROMISE

Providing Opportunities for Mathematics and Science Enrichment



Check one of the boxes below to indicate your program choice:

- PROMISE - Leading Students 2 Success (LS2S)** is a cross-age cooperative learning program for 7<sup>th</sup> and 8<sup>th</sup> graders designed to expose students to STEM (Science, Technology, Engineering, and Math) -related experiences and introduce them to inquiry/problem-based learning. Through a process of collaboration, discussion and analytical exploration of mathematical and scientific concepts, LS2S assists students in enhancing their academic and interpersonal endeavors.

Dates: Saturdays from November through March, 9:00 a.m.–12:00 p.m.

- PROMISE - Summer Enrichment for Academics in Mathematics and Science (SEAMS)** serves students in the summer after their completion of 8<sup>th</sup> grade. This two-week residential experience is designed to improve students' mathematics, science and English skills. Group inquiry and problem-solving are a primary focus in the academic curriculum. In addition, the residence hall experience focuses on interpersonal skill development.

Dates: Last two weeks of June

- PROMISE - Early Involvement Program (EIP)** serves students enrolled in 9<sup>th</sup> grade. The program includes discovery-based and collaborative research activities and preparation for the Scholastic Assessment Test (SAT). Students develop research, decision-making and self-motivation skills while studying mathematics, wellness, science and English literature.

Dates: Saturdays from November through March, 8:30 a.m.–12:00 p.m.

gleichung



$S(\lambda)$   
 $\sigma(\lambda)$

Stabilitätspolynom

$$\pi(q, \lambda) = \sum_{r=0}^R \{\alpha_r - hq\beta_r\} \lambda^r$$

Contact us at

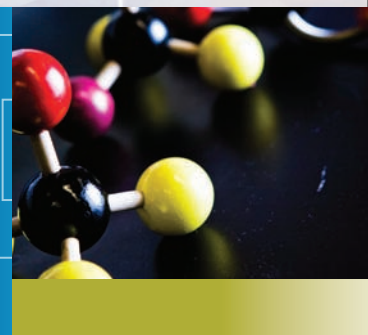
**diversity@imsa.edu**  
Admissions: **630-907-5028**

$$S(\lambda) = \lambda^2 - 1$$

$$O(\lambda) = \frac{1}{3}(\lambda^2 + 4\lambda - 1)$$

$$\text{Ansatz: } \lambda_1(hq) = 1 + (\delta)hq + O(hq^2)$$

$$\lambda_2(hq) = -1 + (\delta)hq + O(hq^2)$$



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