

(For JSPS Fellow)

Form B-5

Date (日付)

02/03/2016 (Date/Month/Year: 日/月/年)

Activity Report -Science Dialogue Program-
 (サイエンス・ダイアログ事業 実施報告書)

- Fellow's name (講師氏名): Jae-Ho Lee (ID No. P14019)- Participating school (学校名): Tsuru High School, Yamanashi- Date (実施日時): 12/02/2016 (Date/Month/Year: 日/月/年)- Lecture title (講演題目): (in English) Introduction to Distance-Regular Graphs(in Japanese) 距離正則グラフ入門

- Lecture summary (講演概要): Please summary your lecture 200-500 words.

My lecture consisted of two parts. In part I, I introduced myself and explained why I study math. In part II, we studied an elementary graph theory. The main concept was distance-regular graphs. To understand this concept, we studied several basic definitions concerning graph theory such as vertex, edge, adjacency, diameter, and etc. At last, I introduced the definition of distance-regular graphs and we treated some easy examples like Hamming graphs. Every student were actively engaged in this lecture.

- Language used (使用言語): English

- Lecture format (講演形式):

◆Lecture time (講演時間) 80 min (分), Q&A time (質疑応答時間) 20 min (分)

◆Lecture style (ex.: used projector, conducted experiments)

(講演方法 (例: プロジェクター使用による講演、実験・実習の有無など))

I used both a projector and a blackboard.

◆Interpretation (ex.: assistance by accompanied person, provided Japanese explanation by yourself) (通訳 (例: 同行者によるサポート、講師本人による日本語説明))

Assistance by accompanied person when I explain some difficult math concepts.

◆Name and title of accompanied person (同行者 職・氏名)

Yuta Watanabe, Ph.D. Graduate Student at Tohoku University

◆Other note worthy information (その他特筆すべき事項):

It was an invaluable experience to me.

- Impressions and opinions from accompanied person (同行者の方から、本事業に対する意見・感想等がありましたら、お願いいたします。):

熱心な高校生に出会えて大変刺激を受けた。英語についてもよく出来るようだったので、日本語でのサポートもあまり必要とされていなかった。残念な点は、仙台からの距離が遠かったことだけが挙げられる。