CONTENTS

1. A Study on the Component Analysis of Evaluation Function ...............................................Tatsuo Nakashima 1

2. Ion—Irradiation Effect on Fatigue Resistance of Sintered Si₃N₄ ......................................................Haeng-Nam Ko 5

3. The Influence of Capacitance of the Secondary Circuit Upon Spark Characteristics .................................Shigeharu Achiha 13

4. Recent Trend of Cutting Tools (High Efficient Cutting Tools and its Application) ..................................................Kodo Sakuratani 21

5. The Work of the Vehicle with 50cc Engine .................................................................Michio Nishira · Keishi Shimizu · Mikio Sato · Katsuyuki Yamashita · Shinsuke Ikawa 35

6. The Historical Studies of Automotive Industry in the Early Year in Japan. (Part 16): The List of Original Automotive Regulations that were Issued by Each Prefectures, ~1919 ..................................................Kazumi Osuka 41

7. A study of the collision estimating system .................................................................Tsuneo Aoki 47

8. An Example of Computer Assisted Instruction by Lotus 1–2–3 ..................................................Shuzo Sugitani 65

9. Motor Vehicle Inspection Systems in The PHILIPPINES (2) .................................................................Kiyoshi Takahashi 83

10. The Miscellany on Lafcadio Hearn (cont’d) ...............................................................Shigehiro Nemoto 93