

## List of publications of Yozô Matsushima

### Monographs

- a. リー環論, 共立出版 1956.
- b. 多様体入門, 裳華房 1965.
- c. Holomorphic vector fields on compact Kähler manifolds. Conference Board of the Mathematical Sciences, Regional Conference Series in Math., No. 7, Amer. Math. Soc., Providence, R.I., 1971, vi+38pp. MR 54#608.
- d. Differentiable manifolds, Marcel Dekker Inc., New York, 1972. vii+303pp. MR 49#11553.

### Papers

1. Bemerkungen über die Liesche Ringe mit Primzahl-charakteristik, Proc. Imp. Acad. Tokyo, **19** (1943), 275–277, MR 7, 237.
2. Über die multiplikative Gruppen einer p-adischen Divisionsalgebra, Proc. Imp. Acad. Tokyo, **19** (1943), 622–628, (mit Tadasi Nakayama), MR 7, 238.
3. Note on the replicas of matrices, Proc. Japan Acad. **23** (1947), 42–49, MR 12, 799.
4. On the Cartan decompositions of a Lie algebra, Proc. Japan Acad. **23** (1947), 50–52, MR 12, 799.
5. On algebraic Lie groups and algebras, J. Math. Soc. Japan **1** (1948), 46–57, MR 10, 426.
6. On the faithful representations of Lie groups, J. Math. Soc. Japan **1** (1949), 254–261, MR 11, 492.
7. On the decomposition of an ( $L$ )-group, J. Math. Soc. Japan **1** (1950), 264–274, MR 12, 589.
8. On a type of subgroups of a compact Lie group, Nagoya Math. J. **2** (1951), 1–15, MR 12, 673.
9. On the discrete subgroups and homogeneous spaces of nilpotent Lie groups, Nagoya Math. J. **2** (1951), 95–110, MR 12, 802.
10. Some remarks on the exceptional simple Lie group  $\mathfrak{F}_4$ , Nagoya Math. J. **4** (1952), 83–88, MR 14, 533, 1278.
11. On a theorem concerning the prolongation of a differential system, Nagoya Math. J. **6** (1953), 1–16, MR 15, 428.
12. Sur le prolongement d'un pseudogroupe d'isomorphismes locaux d'une variété différentiable, Nagoya Math. J. **7** (1954), 103–110, MR 16, 334.
13. Sur les algèbres de Lie linéaire semi-involutives, Colloque de Topologie de Strasbourg, 1954–1955, Institut de Mathématiques, Université de Strasbourg, 17pp, MR 19, 431.
14. Pseudo-groupes de Lie transitifs, Séminaire Bourbaki, 7ième année; 1954/55, exposés 118, Mai (1955), 14pp.
15. Un théorème sur les espaces homogènes complexes, C.R. Paris **241** (1955), 785–787, MR 17, 410.