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## 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.
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8. On a type of subgroups of a compact Lie group, Nagoya Math. J. **2** (1951), 1–15, MR 12, 673.
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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.

16. Sur les espaces homogènes kählériens d'un groupe de Lie réductif, Nagoya Math. J. **11** (1957), 53–60, MR **19**, 315.
17. Some studies on Kaehlerian homogeneous spaces, Nagoya Math. J. **11** (1957), 77–92, (with Jun-ichi Hano), MR **18**, 934.
18. Sur la structure du groupe d'homéomorphismes analytiques d'une certaine variété kaehlérienne, Nagoya Math. J. **11** (1957), 145–150, MR **20**, 995.
19. Fibrés holomorphes sur un tore complexe, Nagoya Math. J. **14** (1959), 1–24, MR **21** #1403.
20. Sur certains espaces fibrés holomorphes sur une variété de Stein, Bull. Soc. Math. France **88** (1960), 137–155, (avec Akihiko Morimoto), MR **23** #A1061.
21. Espaces homogènes de Stein des groupes de Lie complexes, Nagoya Math. J. **16** (1960), 205–218, MR **22** #739.
22. Sur certaines variétés homogènes complexes, Nagoya Math. J. **18** (1961), 1–12, MR **25** #2147.
23. Espaces homogènes de Stein des groupes de Lie complexes, II, Nagoya Math. J. **18** (1961), 153–164, MR **23** #A244.
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  40. Remarks on Kähler-Einstein manifolds, *Nagoya Math. J.* **46** (1972), 161–173, MR **46**#2615.
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