

# SEMI-SYMMETRIC METRIC $F$ CONNECTION SPACES

**Ahmet ALTUNDAG - Fatma OZDEMIR**

Istanbul Technical University, Faculty of Science and Letters, Department of  
Mathematics, 34469, Istanbul-Turkey

e-mail: ahmetaltundag@itu.edu.tr and fozdemir@itu.edu.tr

Semi-symmetric metric  $F$ -connection spaces have been studied by several authors in literature[1-3].

In this study, the semi-symmetric metric  $F$ -connections, which were considered by Yano ve Imai in [3], have been examined in general. In these spaces, after giving the definitions of an almost complex structure, almost Hermitian structure, Kahlerian structure, it has been shown that, if the curvature tensor equals zero, then Bochner curvature tensor also becomes zero.

Some basic theorems about the conditions under which a semi-symmetric  $F$ -connection space turns out to be an almost Kahlerian space or a Kahlerian space, have been stated and proved.

## References

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