

Khenkin, G. M.; Novikov, R. G.

The Yang-Mills fields, the Radon-Penrose transform, and the Cauchy- Riemann equations.
(English. Russian original) [\[Zbl 0787.53065\]](#)

Several complex variables. V: Complex analysis in partial differential equations and mathematical physics, Encycl. Math. Sci. 54, 109-193 (1993); translation from Itogi Nauki Tekh., Ser. Sovrem. Mat., Fundam. Napravleniya 54, 113-196 (1989).

See the review in [Zbl 0706.53047](#).

For the entire collection see [[Zbl 0782.00028](#)].

MSC:

- [53C80](#) Applications of global differential geometry to the sciences
- [81T13](#) Yang-Mills and other gauge theories in quantum field theory
- [32V05](#) CR structures, CR operators, and generalizations

Keywords:

[twistor](#); [Yang-Mills fields](#); [Cauchy-Riemann equations](#); [holomorphic vector bundles](#)