

## [Nomura Toshihiro](#)

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### **Element-specific field-induced spin reorientation and tetracritical point in MnCr<sub>2</sub>S<sub>4</sub>**

*Yamamoto Sh<sup>1</sup>, Suwa Hidemaro<sup>2</sup>, Kihara Takumi<sup>3</sup>, Nomura Toshihiro<sup>1,2</sup>, Kotani Yoshinori<sup>4</sup>, Nakamura Tetsuya<sup>3,4</sup>, Skourski Yuri<sup>1</sup>, Zherlitsyn S.<sup>1</sup>, Prodan Lilian<sup>5,6</sup>, Tsurkan Vladimir<sup>5,6</sup>, Nojiri Hiroyuki<sup>3</sup>, Loidl Alois<sup>6</sup>, Wosnitza Joachim<sup>1,7</sup>*

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*Miyata Atsuhiko<sup>1</sup>, Suwa Hidemaro<sup>2</sup>, Nomura Toshihiro<sup>3</sup>, Prodan Lilian<sup>4</sup>, Felea Viorel<sup>3,4,5</sup>, Skourski Yuri<sup>3</sup>, Deisenhofer Joachim<sup>6</sup>, Krug Von Nidda Hans Albrecht<sup>6</sup>, Portugall Oliver<sup>1</sup>, Zherlitsyn S.<sup>3</sup>, Tsurkan Vladimir<sup>4,6</sup>, Wosnitza Joachim<sup>3,5</sup>, Loidl Alois<sup>6</sup>*

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