

公表論文リスト

原著論文

- (1) Self-organized quantum dots of zinc-blende MnTe grown by molecular beam epitaxy

Shinji Kuroda, Yoshikazu Terai, Kôki Takita, Tsuyoshi Okuno, Yasuaki Masumoto
Journal of Crystal Growth, **184/185**, 274-278 (1998).

- (2) Zero-dimensional excitonic properties of self-organized quantum dots of CdTe grown by molecular beam epitaxy

Yoshikazu Terai, Shinji Kuroda, Kôki Takita, Tsuyoshi Okuno, Yasuaki Masumoto
Applied Physics Letters, **73**, 3757-3759 (1998).

- (3) Excitonic luminescence from self-organized quantum dots of CdTe grown by molecular beam epitaxy

Shinji Kuroda, Yoshikazu Terai, Kôki Takita, Tsuyoshi Okuno, Yasuaki Masumoto
Japanese Journal of Applied Physics, **38**, 2524-2528 (1999).

- (4) Micro photoluminescence spectra of CdTe and CdMnTe self-organized quantum dots

Takashi Kuroda, Nobumasa Hasegawa, Fujio Minami, Yoshikazu Terai, Shinji Kuroda, Kôki Takita
Journal of Luminescence, **83/84**, 321-324 (1999).

- (5) Magneto-photoluminescence from self-organized quantum dots of $\text{Cd}_{1-x}\text{Mn}_x\text{Te}$ grown by molecular beam epitaxy

Yoshikazu Terai, Shinji Kuroda, Kôki Takita, Tadashi Takamasu, Giyuu Kido
Journal of Luminescence, *in press*.

- (6) Growth of self-organized quantum dots of $\text{Cd}_{1-x}\text{Mn}_x\text{Te}$ on ZnTe grown by atomic layer epitaxy

Yoshikazu Terai, Shinji Kuroda, Kôki Takita, Tadashi Takamasu, Giyuu Kido
Journal of Crystal Growth, *in press*.

- (7) Self-organized quantum dots of diluted magnetic semiconductors $\text{Cd}_{1-x}\text{Mn}_x\text{Te}$
Shinji Kuroda, Yoshikazu Terai, Kôki Takita, Tadashi Takamasu, Giyuu Kido,
Nobumasa Hasegawa, Takashi Kuroda, and Fujio Minami
Journal of Crystal Growth, *in press*.

国際会議報告

- (1) Growth of self-organized quantum dots of CdTe on ZnTe surface by atomic layer epitaxy
Yoshikazu Terai, Shinji Kuroda, Kôki Takita, Tsuyoshi Okuno, Yasuaki Masumoto
Proceedings of the 24th International Conference on the Physics of Semiconductors,
edited by D. Gershoni (World Scientific, Singapore, 1998), p. IIIE-12.
- (2) Spatially resolved photoluminescence spectra of CdTe quantum dots
Shunichi Matsushita, Fujio Minami, Yoshikazu Terai, Shinji Kuroda, Kôki Takita
Proceedings of the 24th International Conference on the Physics of Semiconductors,
edited by D. Gershoni (World Scientific, Singapore, 1998), p. VIIB-54.
- (3) High-field magneto-photoluminescence study of self-organized quantum dots
of $\text{Cd}_{1-x}\text{Mn}_x\text{Te}$ grown by MBE
Yoshikazu Terai, Shinji Kuroda, Kôki Takita, Tadashi Takamasu, Giyuu Kido
*Proceedings of 4th International Symposium on Advanced Physical Fields "Quantum
Phenomena in Advanced Materials at High Magnetic Fields", Tsukuba, 1999*
pp.119-122.

その他の会議での報告

- (1) Self-organized MnTe quantum dots grown by molecular beam epitaxy and optical properties
Yoshikazu Terai, Shinji Kuroda, Kôki Takita, Tsuyoshi Okuno, Yasuaki Masumoto
Extended abstracts of symposium on the physics and application of spin-related phenomena in semiconductors, Sendai, 1997 pp.161-164.

- (2) Self-assembled $\text{Cd}_{1-x}\text{Mn}_x\text{Te}$ quantum dots grown by atomic layer epitaxy
Yoshikazu Terai, Shinji Kuroda, Kôki Takita
Extended abstracts of symposium on the physics and application of spin-related phenomena in semiconductors, Sendai, 1998 pp.8-11.
- (3) Photoluminescence studies of self-organized quantum dots of $\text{Cd}_{1-x}\text{Mn}_x\text{Te}$
Yoshikazu Terai, Shinji Kuroda, Kôki Takita, Takashi Kuroda, Fujio Minami
Extended abstracts of symposium on the physics and application of spin-related phenomena in semiconductors, Sendai, 1999 pp.80-83.