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- [19] L. Song, C. Wang, and J. Mazumder, “Identification of phase transformation using optical emission spectroscopy for direct metal deposition process,” 2012, p. 82390G–82390G–9.
- [20] A. Ancona, V. Spagnolo, P. M. Lugara, and M. Ferrara, “Optical Sensor for real-time Monitoring of CO<sub>2</sub> Laser Welding Process,” *Appl. Opt.*, vol. 40, no. 33, pp. 6019–6025, 2001.
- [21] T. Sibillano, A. Ancona, V. Berardi, E. Schingaro, G. Basile, and P. Mario Lugarà, “A study of the shielding gas influence on the laser beam welding of AA5083 aluminium alloys by in-process spectroscopic investigation,” *Opt. Lasers Eng.*, vol. 44, no. 10, pp. 1039–1051, Oct. 2006.
- [22] M. M. Collur and T. DebRoy, “Emission spectroscopy of plasma during laser welding of AISI 201 stainless steel,” *Metall. Mater. Trans. B*, vol. 20, no. 2, pp. 277–286, 1989.
- [23] Z. Szymanski, J. Kurzyna, and W. Kalita, “The spectroscopy of the plasma plume induced during laser welding of stainless steel and titanium,” *J. Phys. Appl. Phys.*, vol. 30, no. 22, p. 3153, 1997.
- [24] P. Sforza and D. de Blasiis, “On-line optical monitoring system for arc welding,” *NDT E Int.*, vol. 35, no. 1, pp. 37–43, Jan. 2002.
- [25] A. R. Nassar, R. Akarapu, S. M. Copley, and J. A. Todd, “Investigations of laser-sustained plasma and its role in laser nitriding of titanium,” *J. Phys. Appl. Phys.*, vol. 45, no. 18, p. 185401, May 2012.