

# On bargaining sets of supplier-firm-buyer games \*

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We study a special three-sided matching game, the so-called supplier-firm-buyer game, in which buyers (customers) and sellers (suppliers) trade indirectly through middlemen (firms). Stuart (1997) showed that supplier-firm-buyer games always have non-empty core. We show that for these games the core coincides with the classical bargaining set, introduced by Davis and Maschler (1967), and also with the Mas-Colell bargaining set, introduced by Mas-Colell (1989).

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\*Based on joint work with Tamás Solymosi.