Corrections and updates for twelvth printing of
Osborne and Rubinstein's "A Course in Game Theory"
(MIT Press, 1994)
2024/2/27

We thank the following people for pointing out errors and improvements: Tim van Eck, Peter Forsyth, Satoshi Fukuda, Jean-Jacques Herings, Christopher Kah, Karthik Kalyanaraman, Nicolas Klein, To Son.

Corrections

Page, Line	Correction
7, -13	Insert "nonempty" before "disjoint".
45, 7	Replace "he" with "she".
60, 22	Replace "player 1" with "player i".
60, 23	Replace "$U_i(a_{-i}, a_i^*)$" with "$u_i(a_{-i}, a_i^*)$".
68, -2	Add "infinite" before "decimal". (A number has a unique infinite decimal expansion.)
99, 3	Replace "the longest" with "a longest".
99, 4	Replace $\Gamma(h^*)$ with $\Gamma(h', h^*)$ on this line and on lines 6, 8, and 10.
104, -9, -8	Replace "she" with "he".
122	Add to A3 the requirement that the Pareto frontier of X be connected.
123	In the first display $(M_i(G_i))$ replace "a SPE" with "an SPE".
123	Replace the second sentence of the proof of Step 1 with "By A3 and the continuity of the preference relations, the domain of ϕ is an interval and ϕ is continuous, one-to-one, and decreasing."
138, 1	(except printings 1–3) Change upper limit of sum from T to ∞.
138, 9	Replace t with T (twice).
143, -6	In printings 4 and later replace "A payoff profile w" with "A feasible payoff profile w of G". (Note that, according to our definitions, a feasible payoff profile may not be a payoff profile.)
144	In Proposition 144.1, replace "an enforceable payoff profile of G" with "an enforceable convex combination of payoff profiles of G". [The coefficients in the convex combination are not necessarily rational.]
159–160	The sketch of the proof of Proposition 160.1 is flawed. It has been replaced. (The text has been rewritten, moving the result to page 159, where it appears as Proposition 159.1.)
200, -11	Replace "after the history h" with "after the history h if $P(h) \in N$ and chance if $P(h) = c$."

215, 5   Replace "the sets of actions" with "the sequences of actions".

216, -6 Replace the mathematical expression with $p^2\cdot 0 + p\cdot(1-p)\cdot 1 + (1-p)\cdot 0 = p(1-p)$.

307, 7–8 Replace $\succsim'_1, \succsim_2$ with $\succsim'_i, \succsim_j$ (twice).

307, 15 Replace $p\cdot x \succsim_j x^*$ with $p\cdot x \succ_j x^*$.