

Respectively

- The *respectively* construction
 - (1) a. English and Dutch are used in Guyana and Suriname, *respectively*.
b. Toystoy and Dostoyevsky wrote Anna Karenina and The Idiot *respectively*.
 - (2) a. English is used in Guyana and Dutch is used in Suriname
b. Toystoy wrote Anna Karenina and Dostoyevsky wrote The Idiot.
- Establishes a pairwise relation between two ordered sets of objects

Respectively

- *Respectively* is not the only such expression
- (3) a. The class read Toystoy and Dostoyevsky. Mary prefers *the former*, whereas I liked *the latter* better.
- b. Mary fixes Susan's car, but not *vice versa*.
- Respectively readings independent of *respectively*
- (4) a. Mary has a classic Beetle, and Susan has an old BMW. They fix them up every weekend.
- b. Chance is the first baseman. Tinkers and Evers are the shortstop and second baseman.

Respectively

- Analyzed 548 examples; in 80 cases (15%), either the domain or range is not specified by a coordinate structure in sentence containing *respectively*
- Four classes:
 1. Domain or range specified by a conjoined structure in a previous sentence (26 cases)
 2. Elements of domain or range specified from distinct places in the discourse; ordering corresponds to order of presentation (23 cases)
 3. Domain or range and its ordering need to be accommodated (11 cases)
 4. Ordering of domain or range indistinguishable (20 cases)

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Class 1:

- (5) Kevin Sweeney, 33, and Curtis Bristow, 32, are both former residents of San Diego. They received 20 and 14 years *respectively* for conspiracy to make methamphetamines. [NYT]
- (6) Until Friday, government data showed the GNP to be growing at a healthy annual rate of 2.6 percent in last year's second quarter and 3 percent in the third period. The revised GNP numbers for these two quarters, however, were 1.6 percent and 1.7 percent, *respectively*. [NYT]

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Class 2:

- (7) How do you film buffaloes being shot and killed during a stampede without injuring a single beast? How do you get a buffalo to charge an actor without endangering either? By using, *respectively*, fake and stunt buffaloes, says Jim Wilson, Kevin Costner's co-producer on "Dances With Wolves," a stunningly beautiful and, by all accounts, remarkably authentic portrait of American Plains Indian culture in the late 1860s.
- [NYT]
- (8) The gain of an operational amplifier is given by the ratio of the feedback resistance to the input resistance. Thus if these two resistances are 100,000 and 1,000 ohms, *respectively*, the gain will be 100. [Gr]

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Class 3:

- (9) In most carbon compounds an adjacent atom will contribute one to three electrons, which are matched by an equal number from carbon to form a single, double, or triple bond, *respectively*. [Gr]

- (10) A section cut downward from the surface through the various soil horizons forms the soil profile. From the surface downward, the major soil horizons are designated A, B, and C, *respectively*. [Gr]

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Class 3:

- (11) Though the Trail Blazers won this series in six games from Phoenix, they were far from dominant. Their margins of victory were 2 points, 1 point, 6 points, and 3 points, *respectively*. [NYT]

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Class 4:

- (12) In the long history of the Texas oil industry, there has rarely been a gusher as powerful as either of those that burst to the surface in the aging oil patch southwest of San Antonio last month. In an area regarded as well past its oil-producing prime, the wells surged with 20,000 and 12,000 barrels a day, *respectively*, in a field where most wells produce less than 500. [NYT]
- (13) Eleven isotopes of copper are known, two of which are not radioactive and occur with a natural abundance of 69.09% and 30.91%, *respectively*. [Gr]

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Sometimes the *range* is identified outside the sentence:

- (14) In 1970, Japan and China became the fourth and fifth nations to possess independent launch capability. Osumi and China 1 were launched from within these two countries, *respectively*. [Gr]

- (15) Glenn Davis, b. Claremont, Calif., Dec. 26, 1924, is a former football player who starred at the U.S. Military Academy as a freshman in 1943 and during West Point's undefeated seasons of 1944, 1945, and 1946. He scored 3, 20, 18, and 13 touchdowns, *respectively*, in those seasons. [Gr]