cates that the apparatus has experienced rotation about the at least one axis when the biometric data indicates that the apparatus has experienced rotation about the wrist axis.

[0018] In some implementations, the memory may further store computer-executable instructions for controlling the at least one processor to determine that the biometric data indicates that the apparatus has experienced rotation about the at least one axis when the biometric data indicates that the apparatus has experienced rotation about the wrist axis and at least one additional axis.

[0019] In some implementations, the memory may further store computer-executable instructions for controlling the at least one processor to determine that the biometric data indicates that the apparatus has experienced rotation about the at least one axis when the biometric data indicates that the apparatus has experienced rotation about the wrist axis within a predetermined range of rotational rates through a substantially continuous predetermined range of angular displacement.

[0020] In some such implementations, the predetermined range of rotational rates may include at least one rotational rate selected from the group consisting of: at least 90° per second, at least 60° per second, at least 45° per second, and at least 30° per second and the range of angular displacement includes at least one angular displacement selected from the group consisting of: at least 90°, at least 60°, at least 45°, and at least 30°.

[0021] In some implementations, the one or more biometric sensors may include at least one sensor such as a single-axis or multi-axis gyroscope, a single-axis or multi-axis accelerometer, a magnetometer, an electromagnetic field sensor, a laser rangefinder sensor, a Doppler radar sensor, or an altimeter sensor and the biometric data indicating that the apparatus has experienced rotation about at least one axis may be obtained at least in part from the at least one sensor.

[0022] In some implementations, the one or more biometric sensors may include a single-axis or multi-axis gyroscope and the biometric data may indicate that the apparatus has experienced rotation about at least one axis is obtained at least in part from the single-axis or multi-axis gyroscope.

[0023] In some implementations, the one or more biometric sensors may include a single-axis or multi-axis accelerometer and the biometric data indicating that the apparatus has experienced rotation about at least one axis may be obtained at least in part from the single-axis or multi-axis accelerometer.

[0024] In some implementations, the memory may store computer-executable instructions for controlling the at least one processor to perform (b) and (c) using biometric data exclusively from the single-axis or multi-axis accelerometer.

[0025] In some implementations, the memory may store computer-executable instructions for controlling the at least one processor to perform (b) and (c) using biometric data exclusively from the accelerometer.

[0026] In some implementations, the biometric data may indicate that the apparatus has transitioned to an orientation with the display facing in a direction substantially aligned with a direction of planetary gravitational acceleration from an orientation with the display facing in a direction substantially misaligned with the direction of planetary gravitational acceleration.

[0027] In some implementations, a method may be provided. The method may include detecting, using one or more biometric sensors connected with a wristband, rotation of the wristband about at least one axis; determining that the rotation of the wristband about the at least one axis meets a first threshold; and causing, responsive to the determining, a display connected with the wristband to be transitioned between a state in which the display does not show a time-of-day to a state in which the display shows a time-of-day.

[0028] In some implementations, an apparatus may be provided. The apparatus may include one or more biometric sensors, a display, at least one processor, and a memory. The memory, the at least one processor, the one or more biometric sensors, and the display may be communicatively connected with one another and the memory may store computer-executable instructions for controlling the at least one processor to: determine a sequential display order for a plurality of data display pages; receive one or more page advance requests; cause, for each received page advance request, the display to advance to the data display page that is next in the sequential display order with respect to the data display page that is displayed on the display prior to the advance; receive biometric data from the one or more biometric sensors; determine that the biometric data indicates, at least in part, a first contextual or environmental state; and modify the sequential display order of the data display pages based on the determination that the biometric data indicates the first contextual or environmental state to produce a first sequential display order.

[0029] In some implementations of the apparatus, when the data display page that is displayed on the display prior to the advance is the last data display page in the sequential display order, the data display page that is first in the sequential display order may be treated as the data display page that is next in the sequential display order.

[0030] In some implementations of the apparatus, the sequential display order may reverse after the data display page that is displayed on the display prior to the advance is the last data display page in the sequential display order.

[0031] In some implementations of the apparatus, the memory may further store computer-executable instructions for controlling the at least one processor to modify the sequential display order of the data display pages based on the determination that the biometric data indicates the first contextual or environmental state in conjunction with a determination that a mode of the apparatus is active to produce the first sequential display order.

[0032] In some implementations of the apparatus, the first contextual or environmental state may be associated with activities selected from the group consisting of walking, running, stair climbing, bicycling, swimming, resting, working, being at home, being in transit in a car or other powered vehicle, driving, and being in a meeting.

[0033] In some implementations of the apparatus, the page advance requests may be generated responsive to data collected from the one or more biometric sensors.

[0034] In some implementations of the apparatus, the apparatus may further include a page advance input separate from the one or more biometric sensors and the memory, the at least one processor, the one or more biometric sensors, the page advance input, and the display may be communicatively connected with one another. The memory and/or at least one processor may also be configured to receive the one or more page advance requests responsive to corresponding one or more activations of the page advance input. In some such implementations, the page advance input may be a button.

[0035] In some further such implementations, the apparatus may be free of buttons except for the page advance input