

Sundials 3

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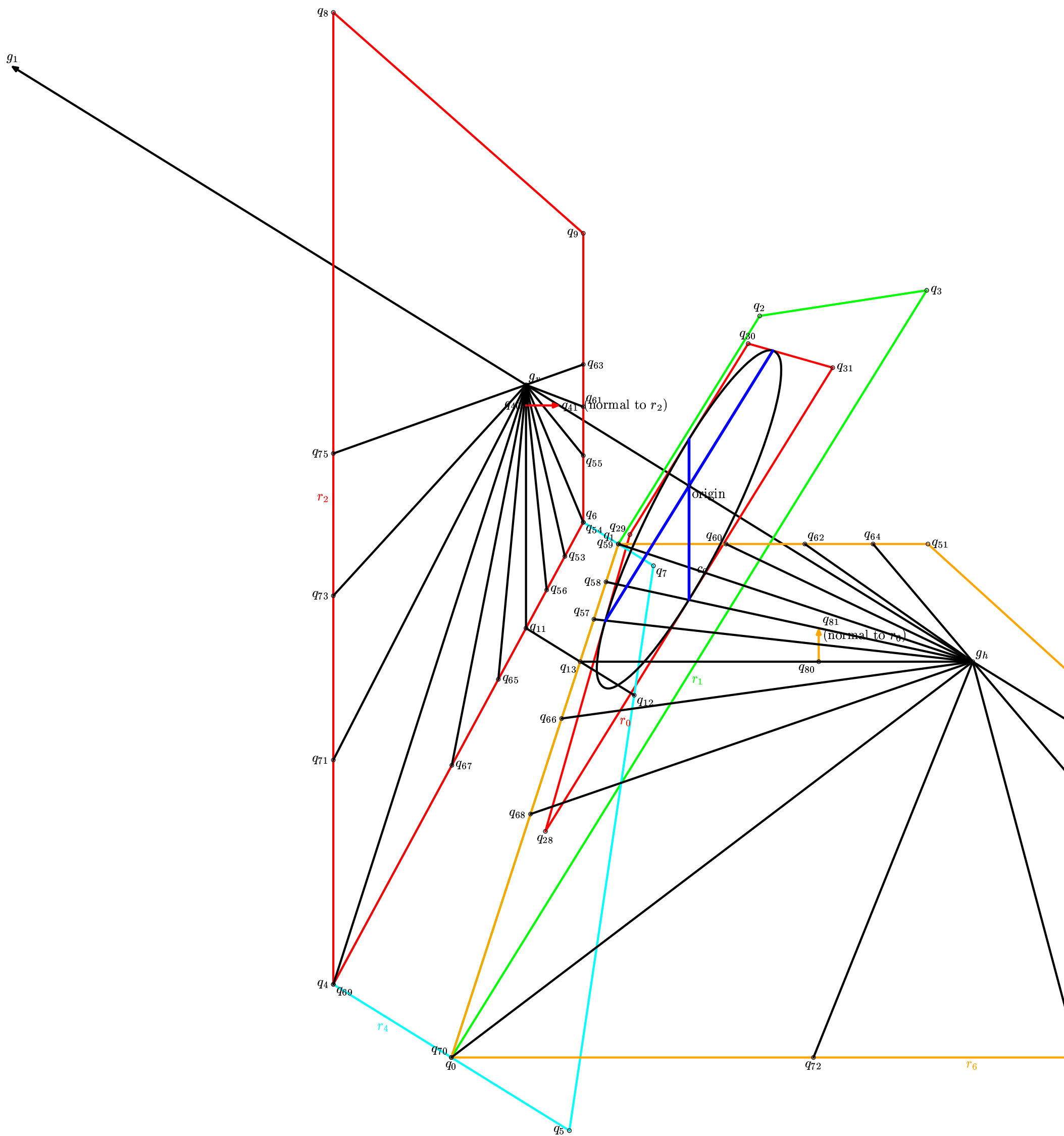
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Jerusalem, Israel 31° 47' N, 35° 13' E

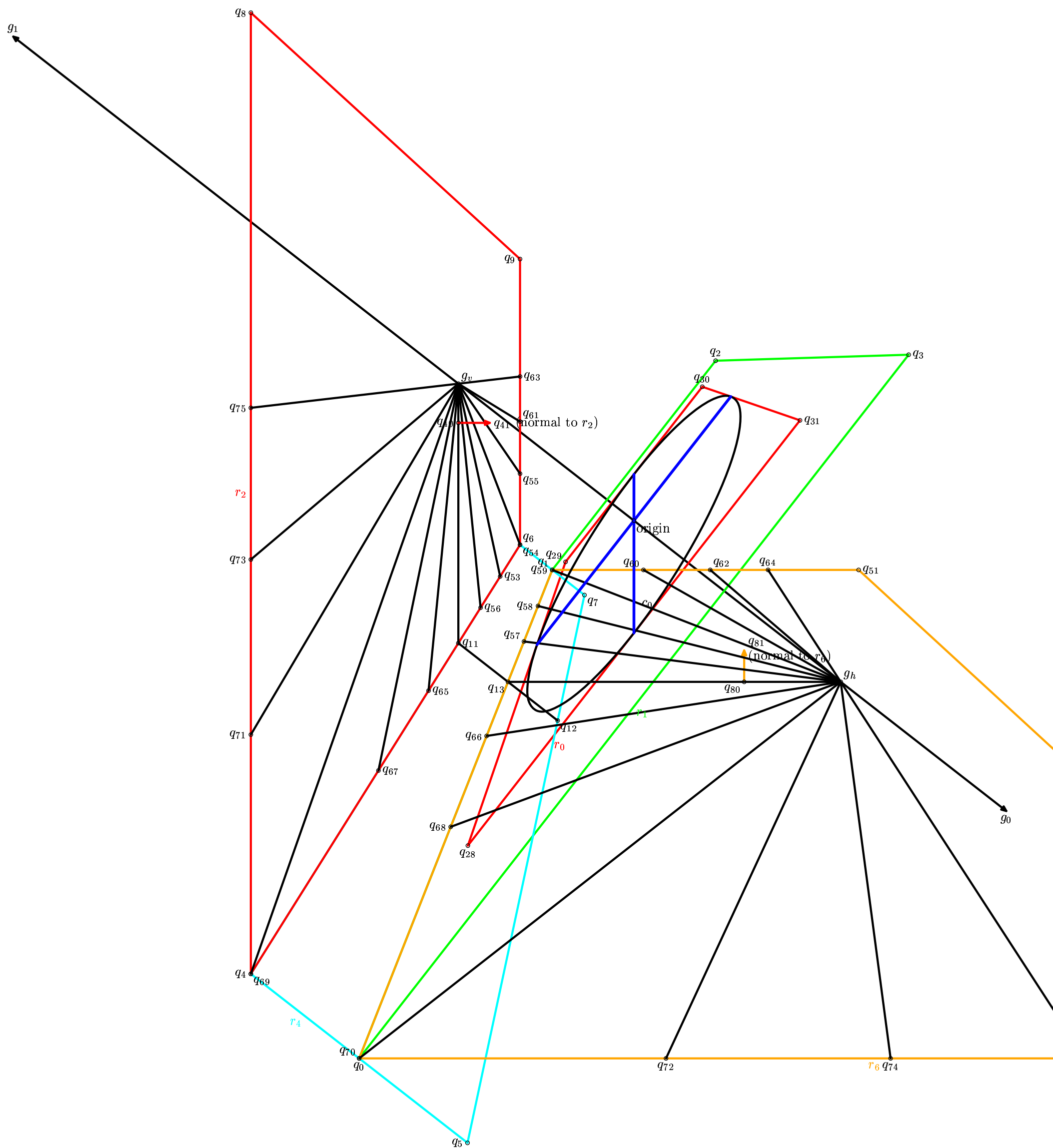


Perspective projection

Jerusalem, Israel 31° 47' N, 35° 13' E

Focus: position = (0, 5, -12), direction = (0, 5, 10), distance = 10
 (dimensions in centimeters)

Athens, Greece 37° 58' N 23° 43' E

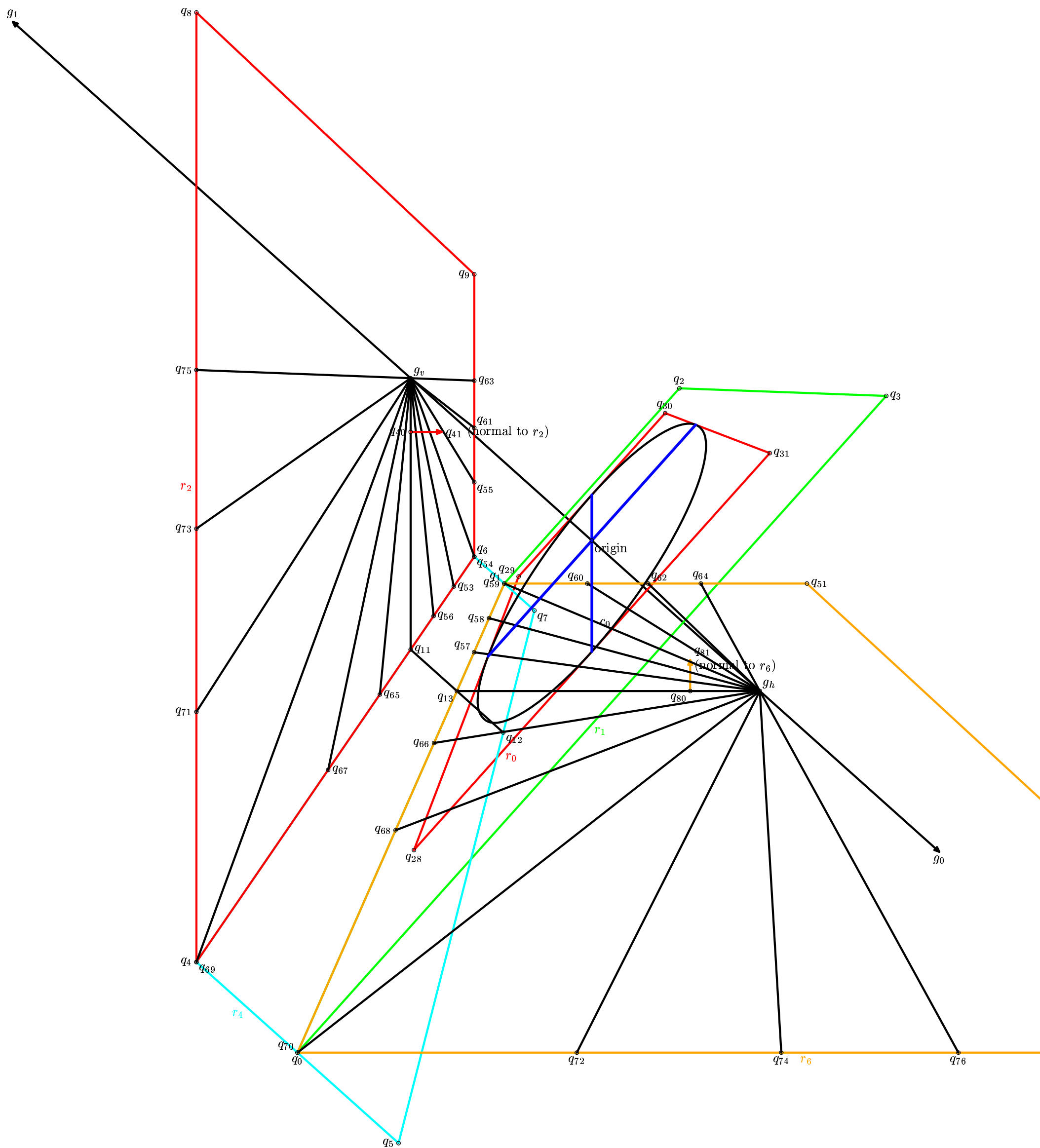


Perspective projection

Latitude 41° 54' N (Athens, Greece)

Focus: position = (0, 5, -12), direction = (0, 5, 10), distance = 10
 (dimensions in centimeters)

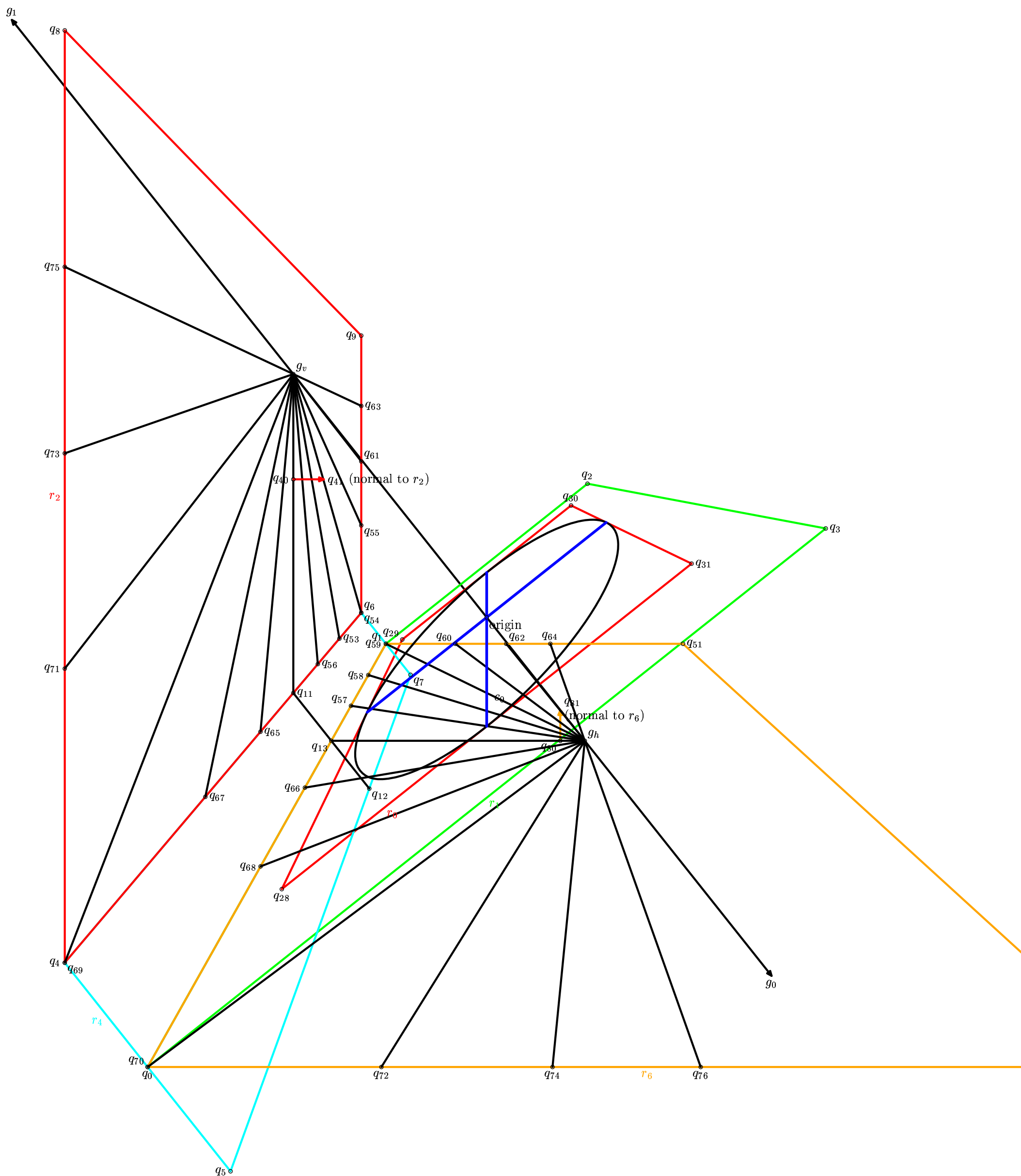
Chicago, Illinois, USA 41° 52' 55" N 87° 37' 40" W



Perspective projection

Chicago, Illinois, USA 41° 52' 55" N 87° 37' 40" W
 Focus: position = (0, 5, -12), direction = (0, 5, 10), distance = 10
 (dimensions in centimeters)

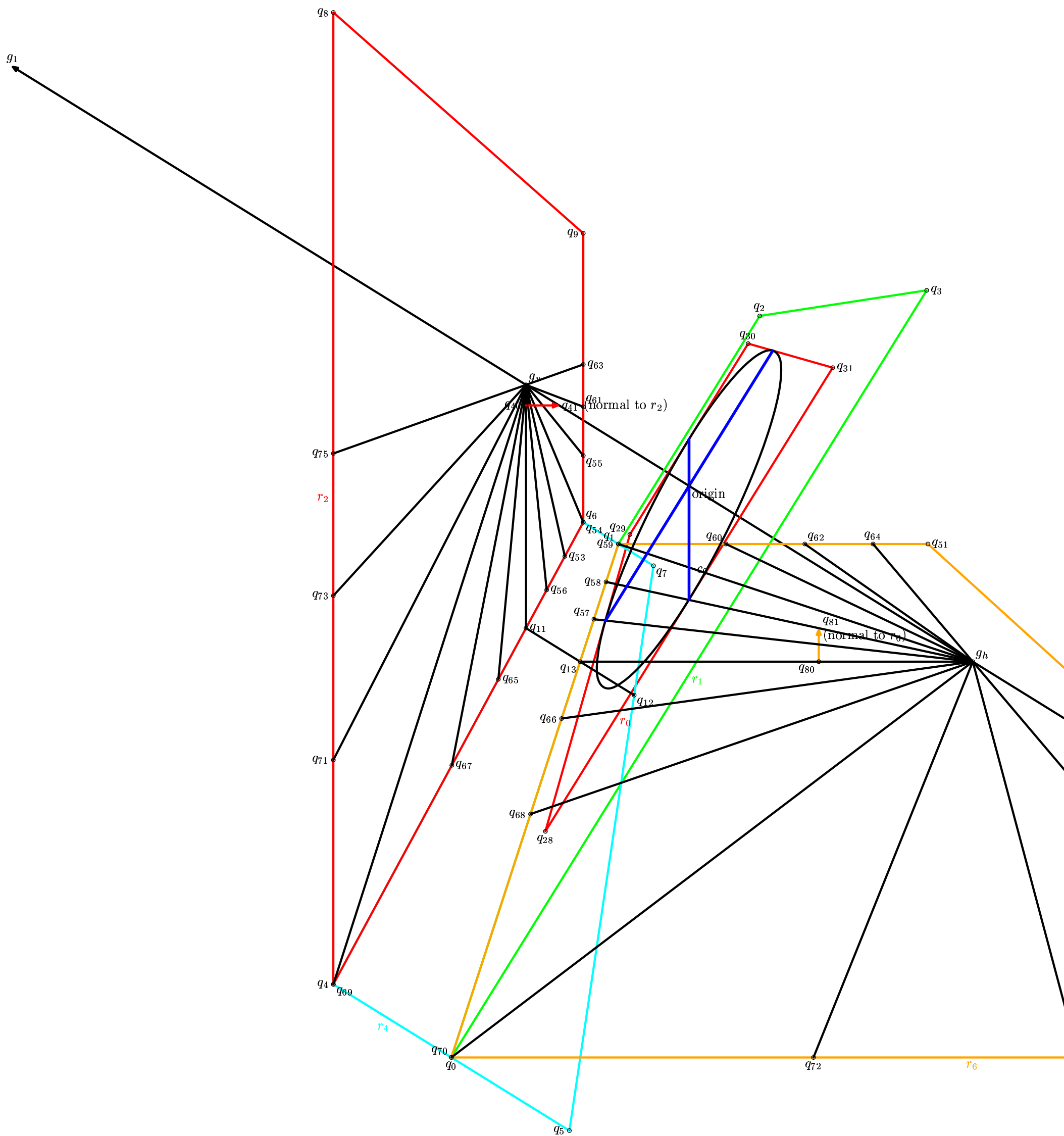
Göttingen, Germany 51° 32' N, 9° 56' E



Perspective projection

Latitude 51° 32' N (Göttingen, Germany)
 Focus: position = (0, 5, -12), direction = (0, 5, 10), distance = 10
 (dimensions in centimeters)

Jerusalem, Israel 31° 47' N, 35° 13' E



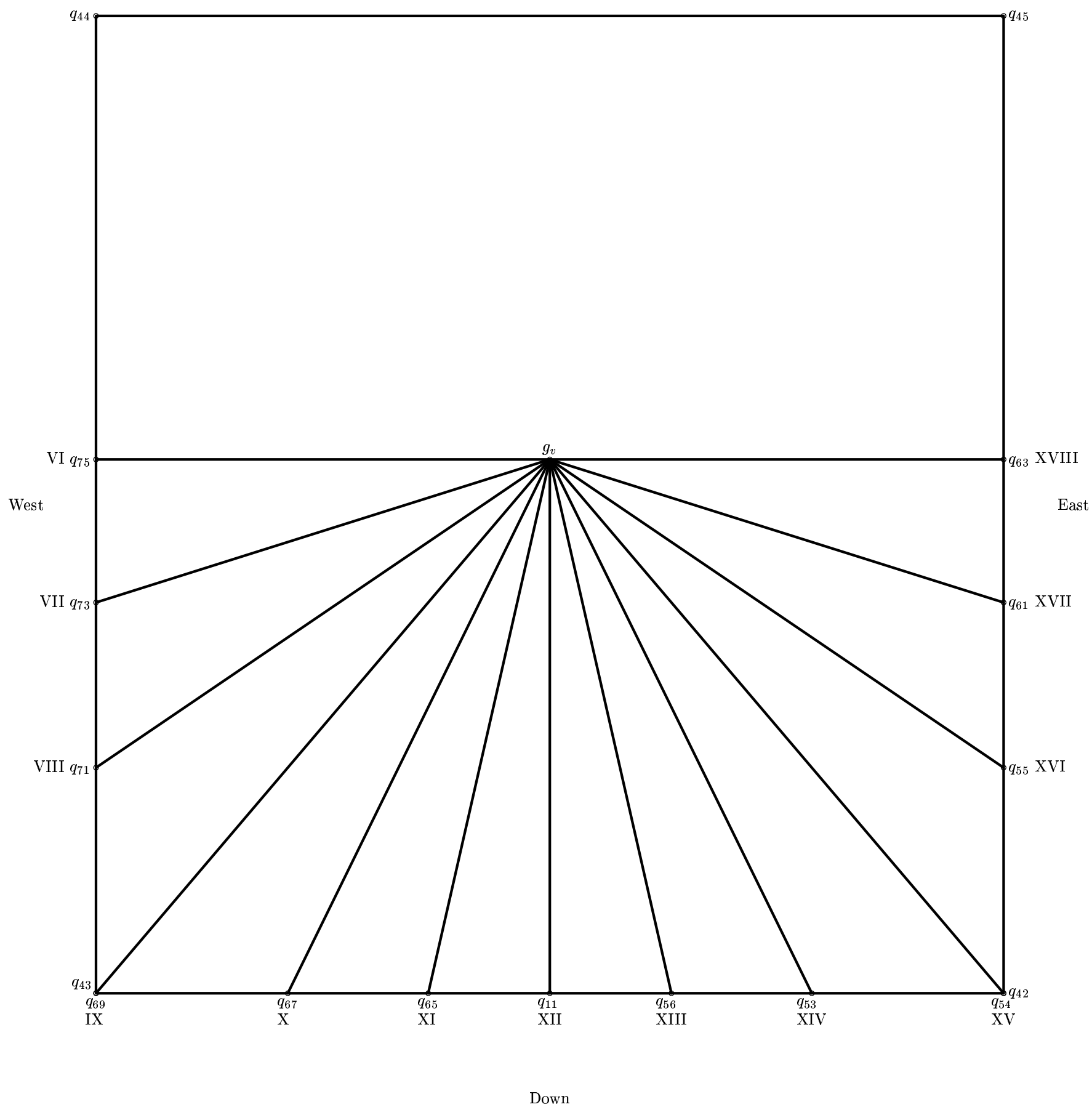
Perspective projection

Jerusalem, Israel 31° 47' N, 35° 13' E

Focus: position = (0, 5, -12), direction = (0, 5, 10), distance = 10
(dimensions in centimeters)

Jerusalem, Israel 31° 47' N, 35° 13' E

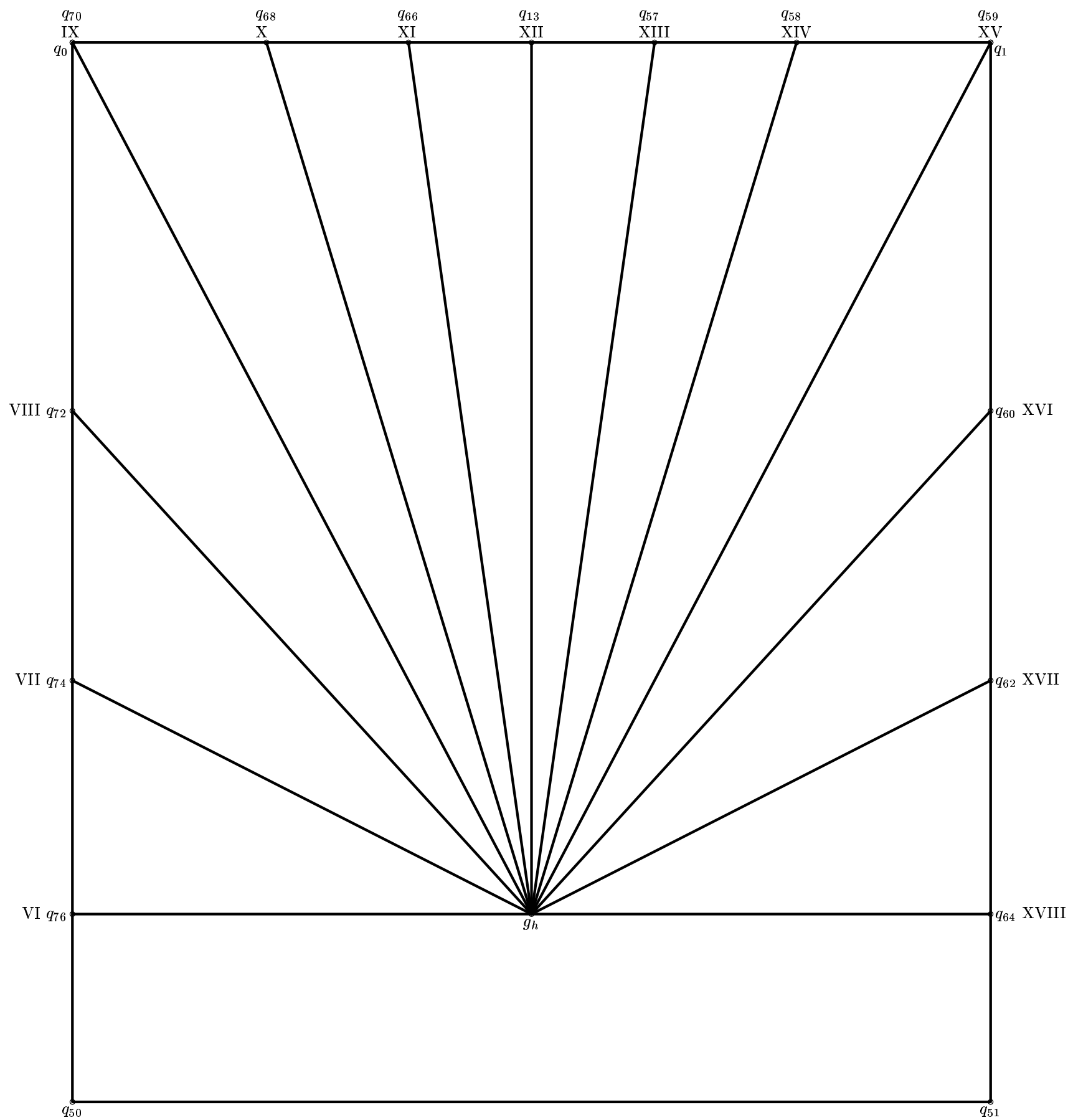
Up



Parallel projection onto the vertical plane (plane of r_1)
Vertical dial facing due south
Jerusalem, Israel 31° 47' N, 35° 13' E

Jerusalem, Israel 31° 47' N, 35° 13' E

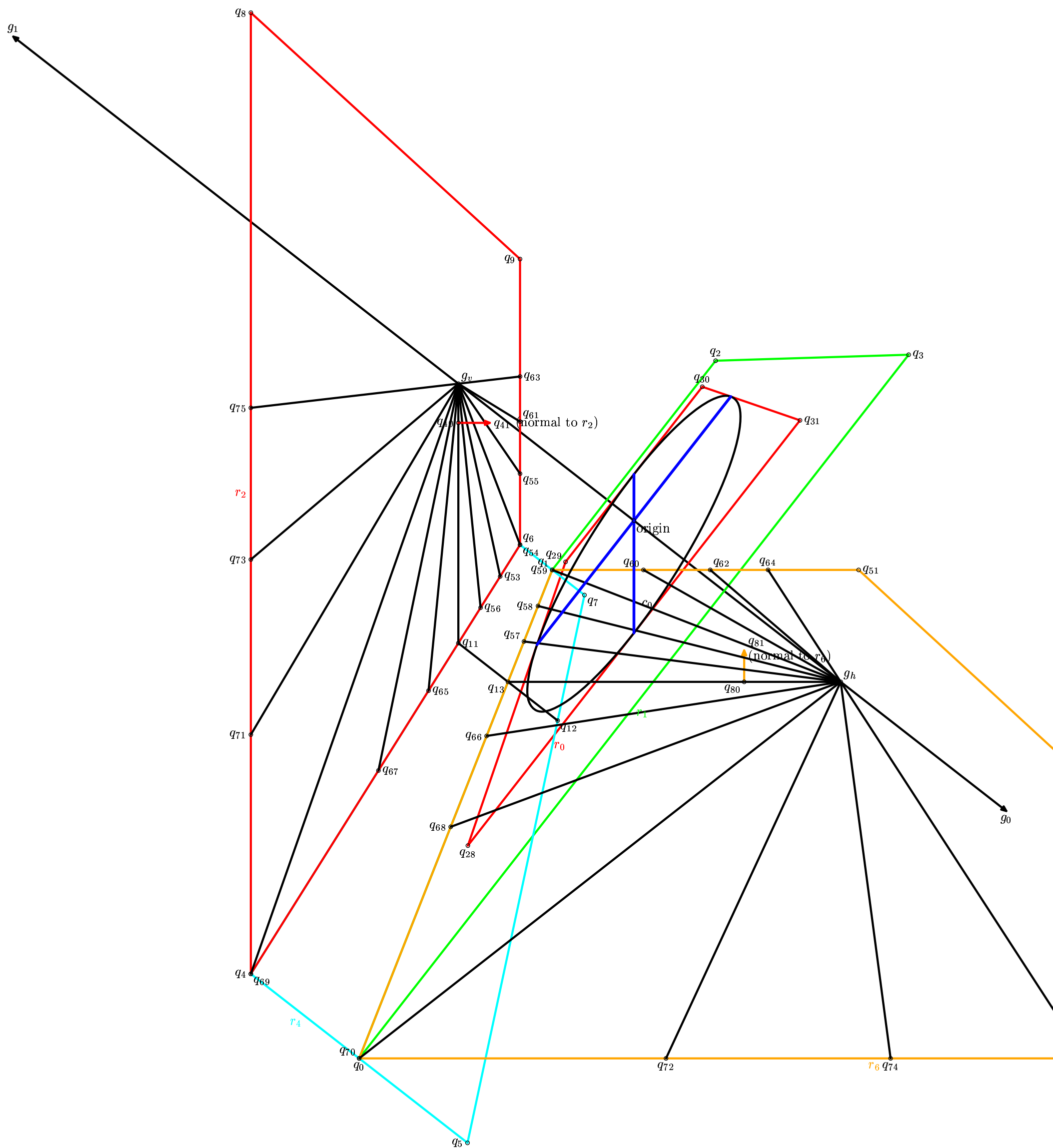
North



South

Parallel projection onto the horizontal plane (plane of r_6)
Horizontal dial
Jerusalem, Israel 31° 47' N, 35° 13' E

Athens, Greece 37° 58' N 23° 43' E



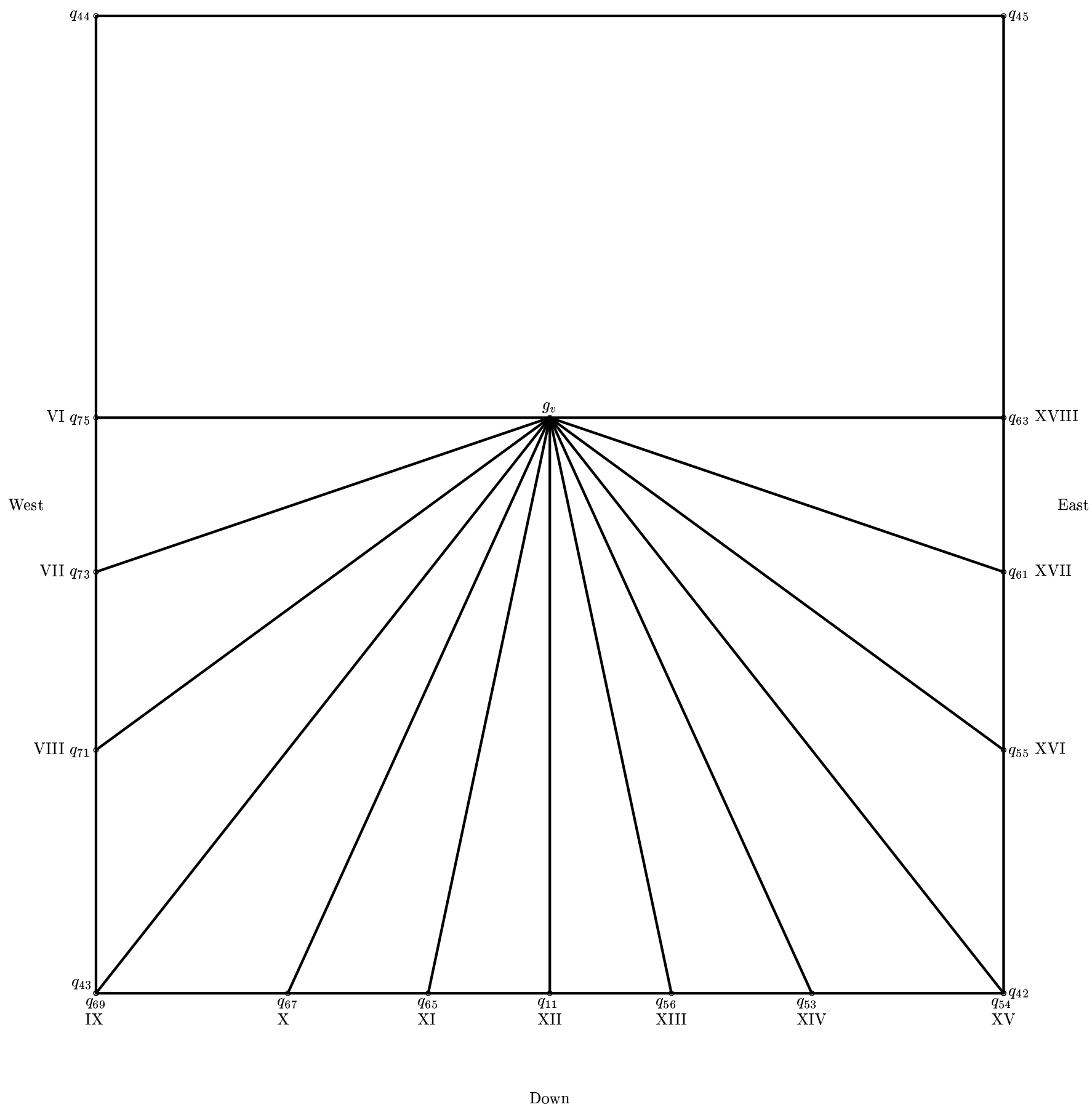
Perspective projection

Latitude 41° 54' N (Athens, Greece)

Focus: position = (0, 5, -12), direction = (0, 5, 10), distance = 10
(dimensions in centimeters)

Athens, Greece 37° 58' N 23° 43' E

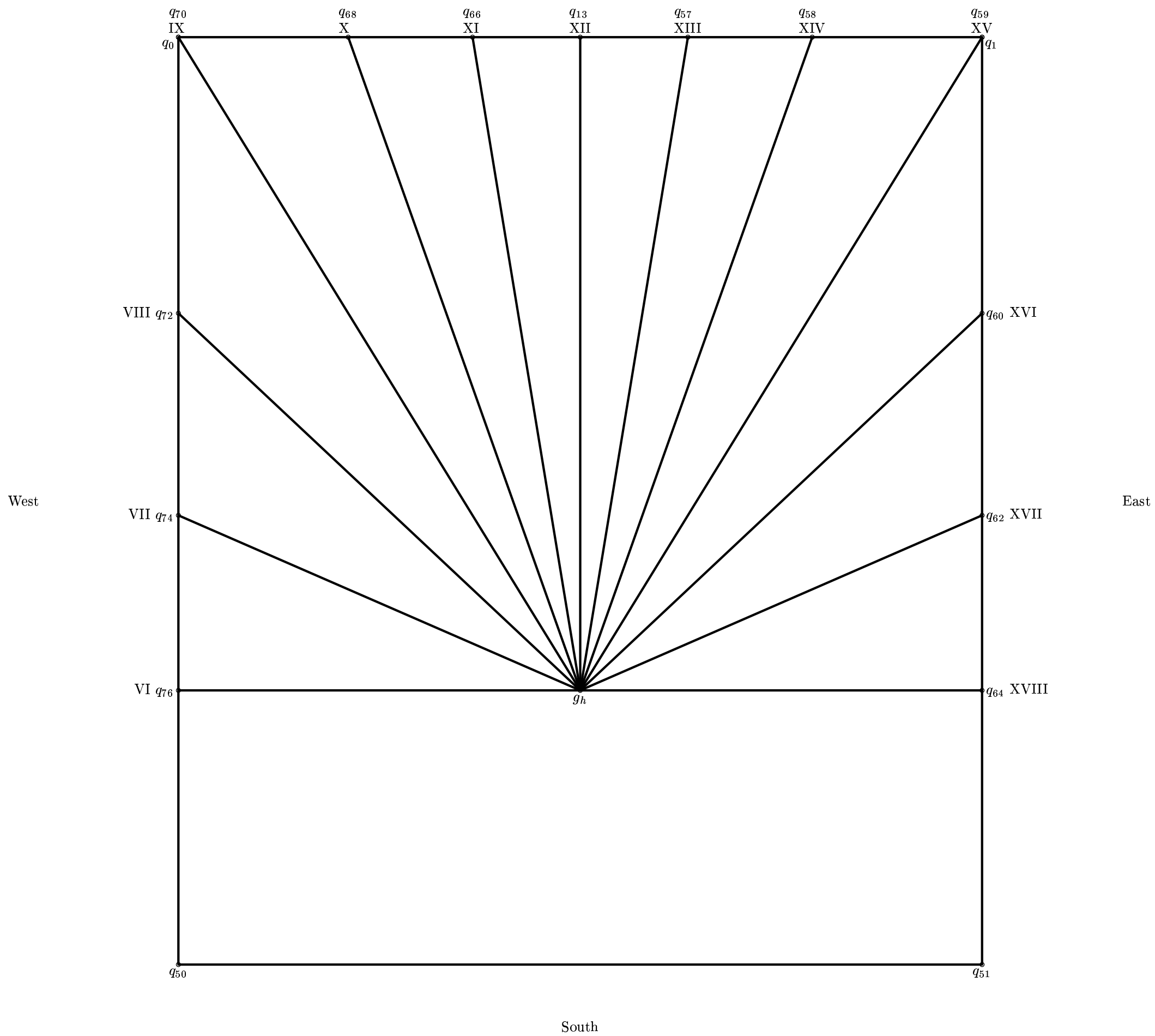
Up



Parallel projection onto the vertical plane (plane of r_1)
Vertical dial facing due south
Latitude 41° 54' N (Athens, Greece)

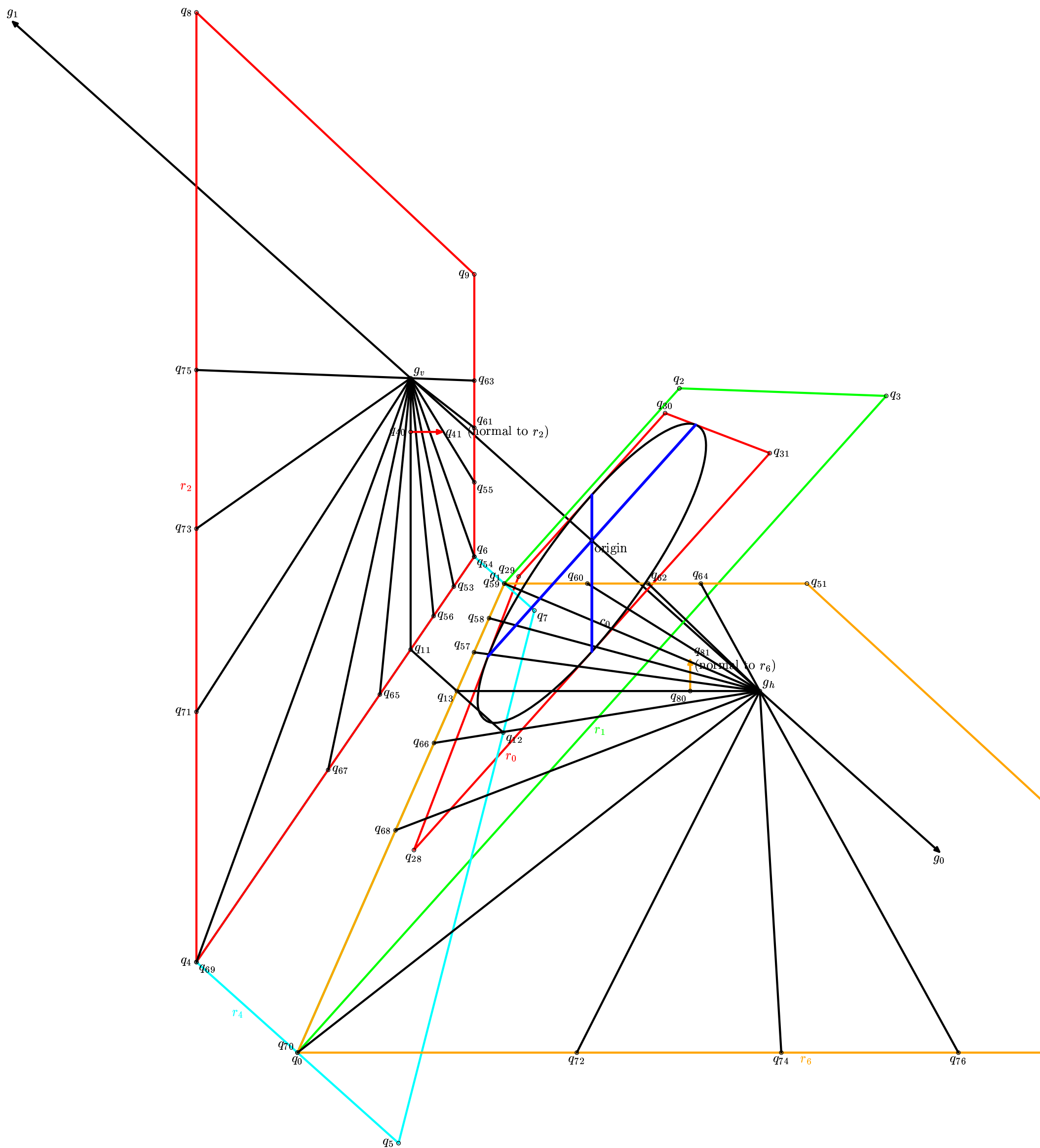
Athens, Greece 37° 58' N 23° 43' E

North



Parallel projection onto the horizontal plane (plane of r_6)
Horizontal dial
Latitude 41° 54' N (Athens, Greece)

Chicago, Illinois, USA 41° 52' 55" N 87° 37' 40" W



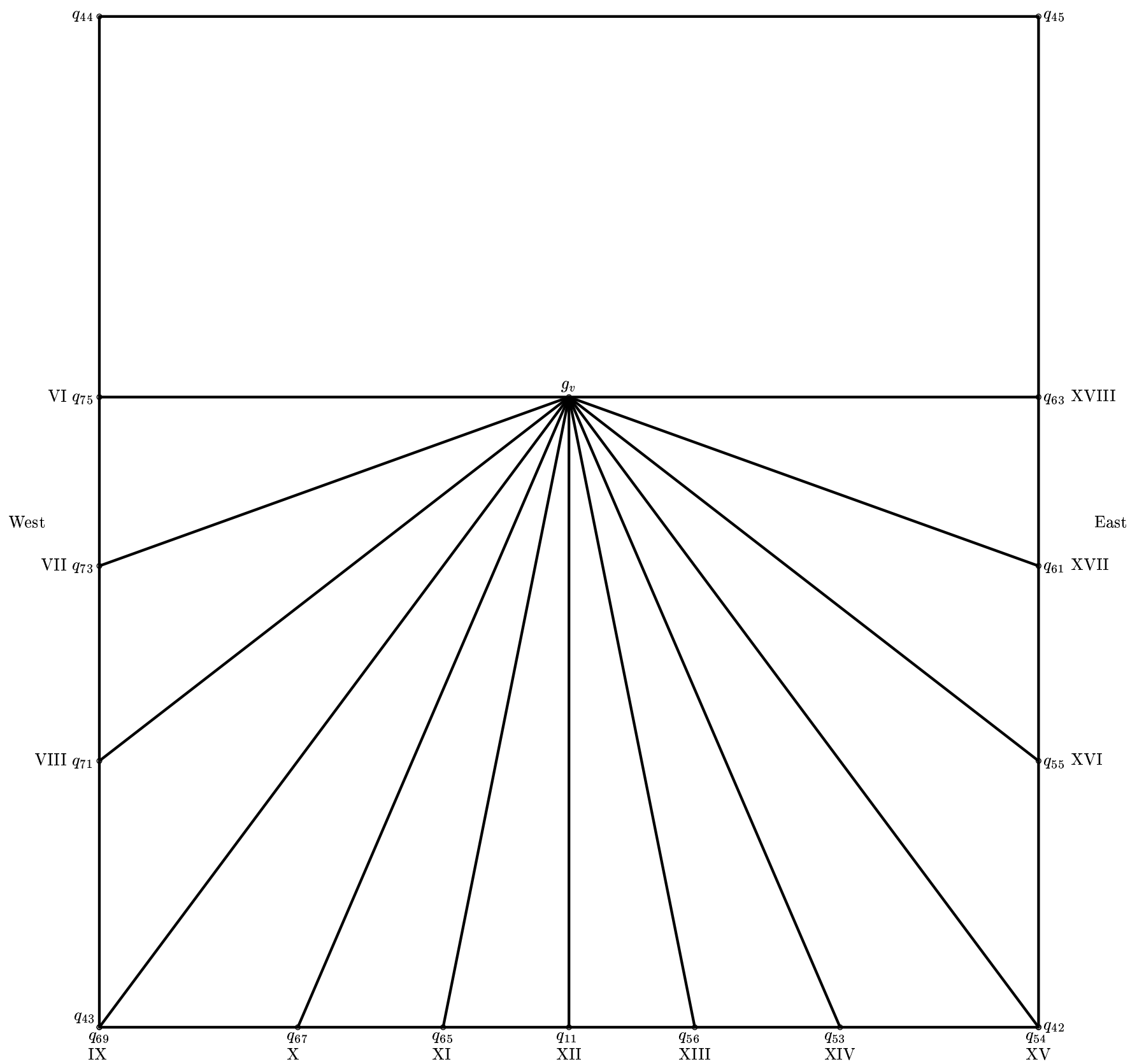
Perspective projection

Chicago, Illinois, USA 41° 52' 55" N 87° 37' 40" W

Focus: position = (0, 5, -12), direction = (0, 5, 10), distance = 10
 (dimensions in centimeters)

Chicago, Illinois, USA 41° 52' 55" N 87° 37' 40" W

Up

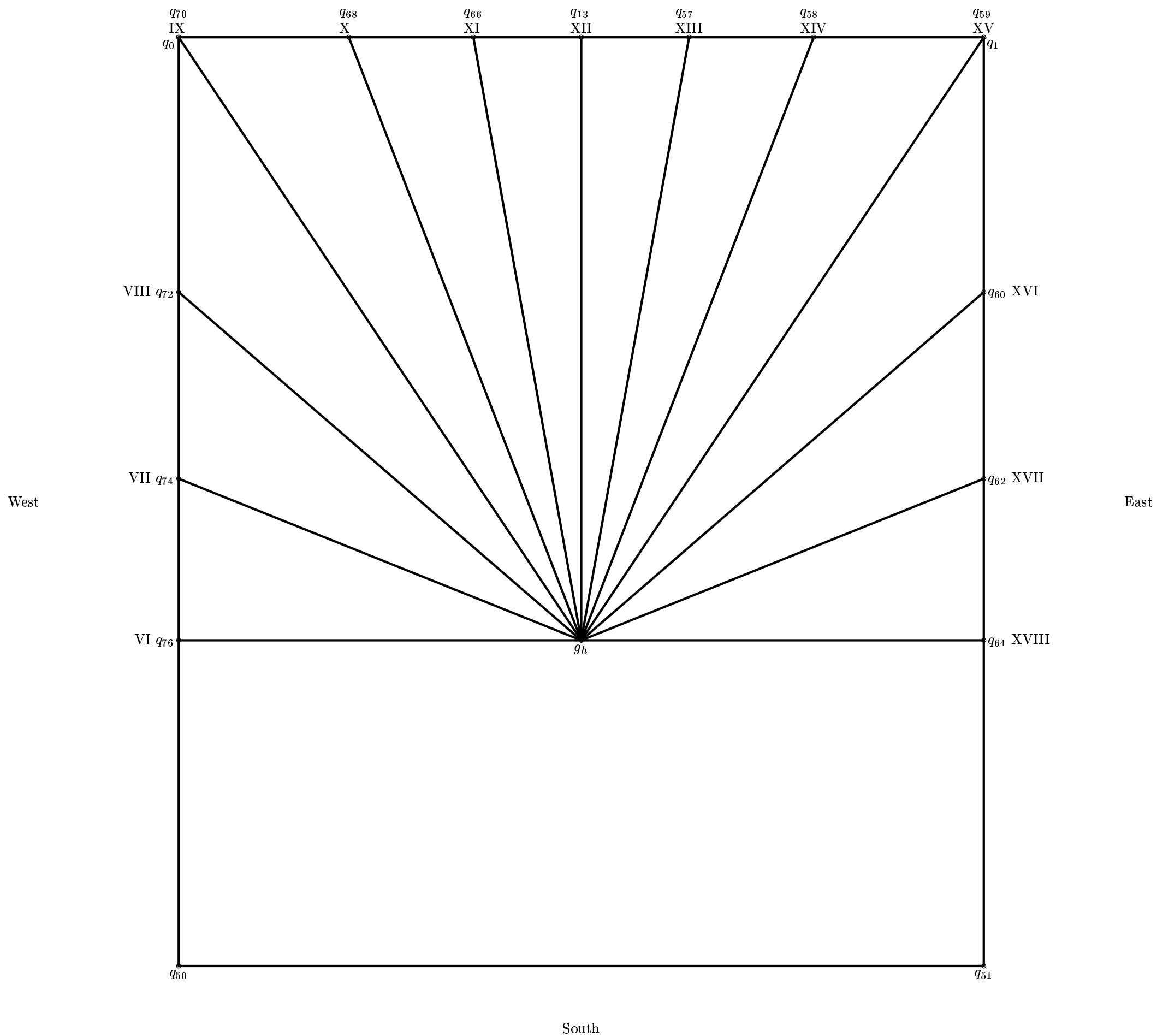


Down

Parallel projection onto the vertical plane (plane of r_1)
Vertical dial facing due south
Chicago, Illinois, USA 41° 52' 55" N 87° 37' 40" W

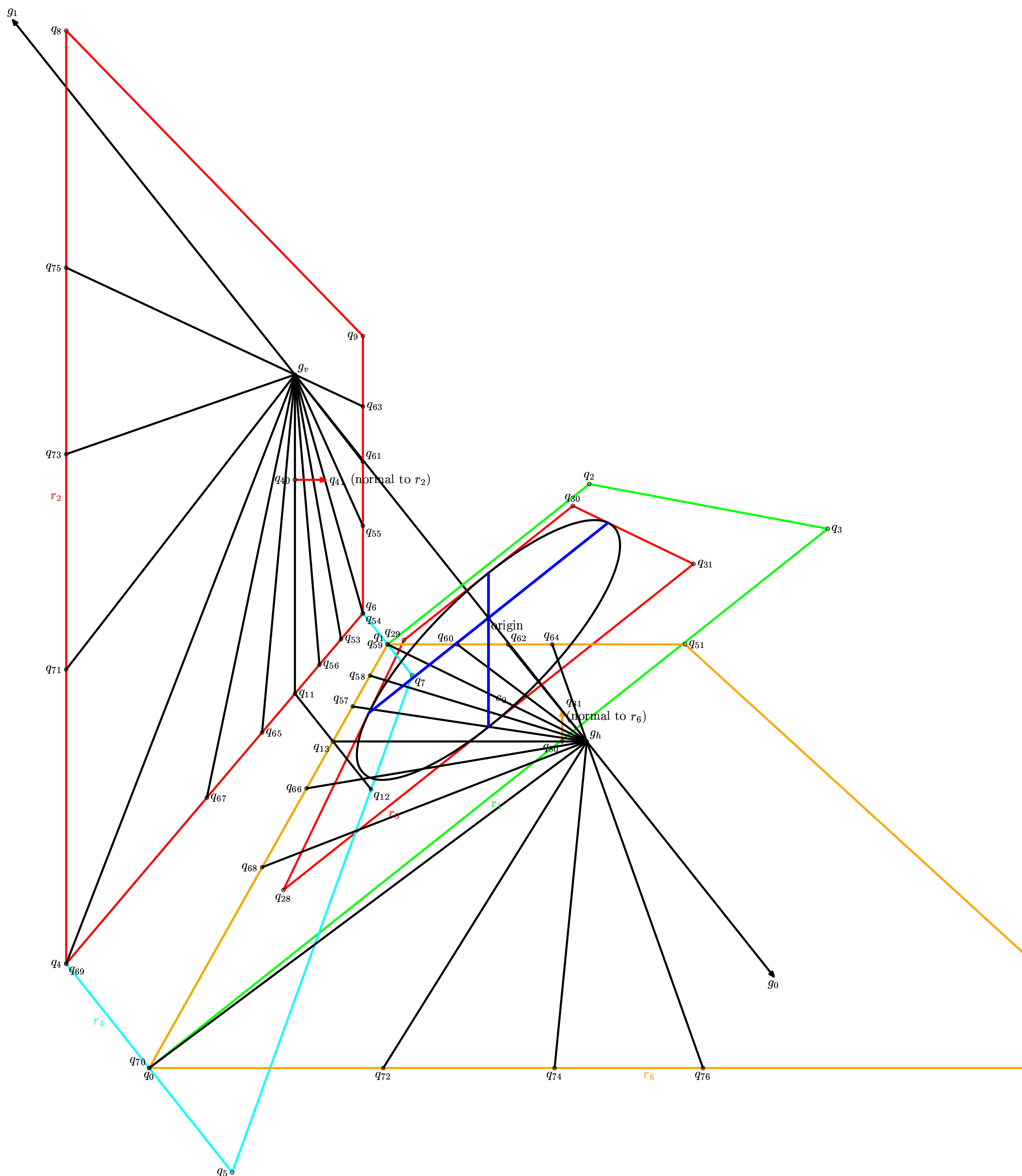
Chicago, Illinois, USA 41° 52' 55" N 87° 37' 40" W

North



Parallel projection onto the horizontal plane (plane of r_6)
Horizontal dial
Chicago, Illinois, USA 41° 52' 55" N 87° 37' 40" W

London, UK 51° 30' 28" N, 0° 7' 41" W

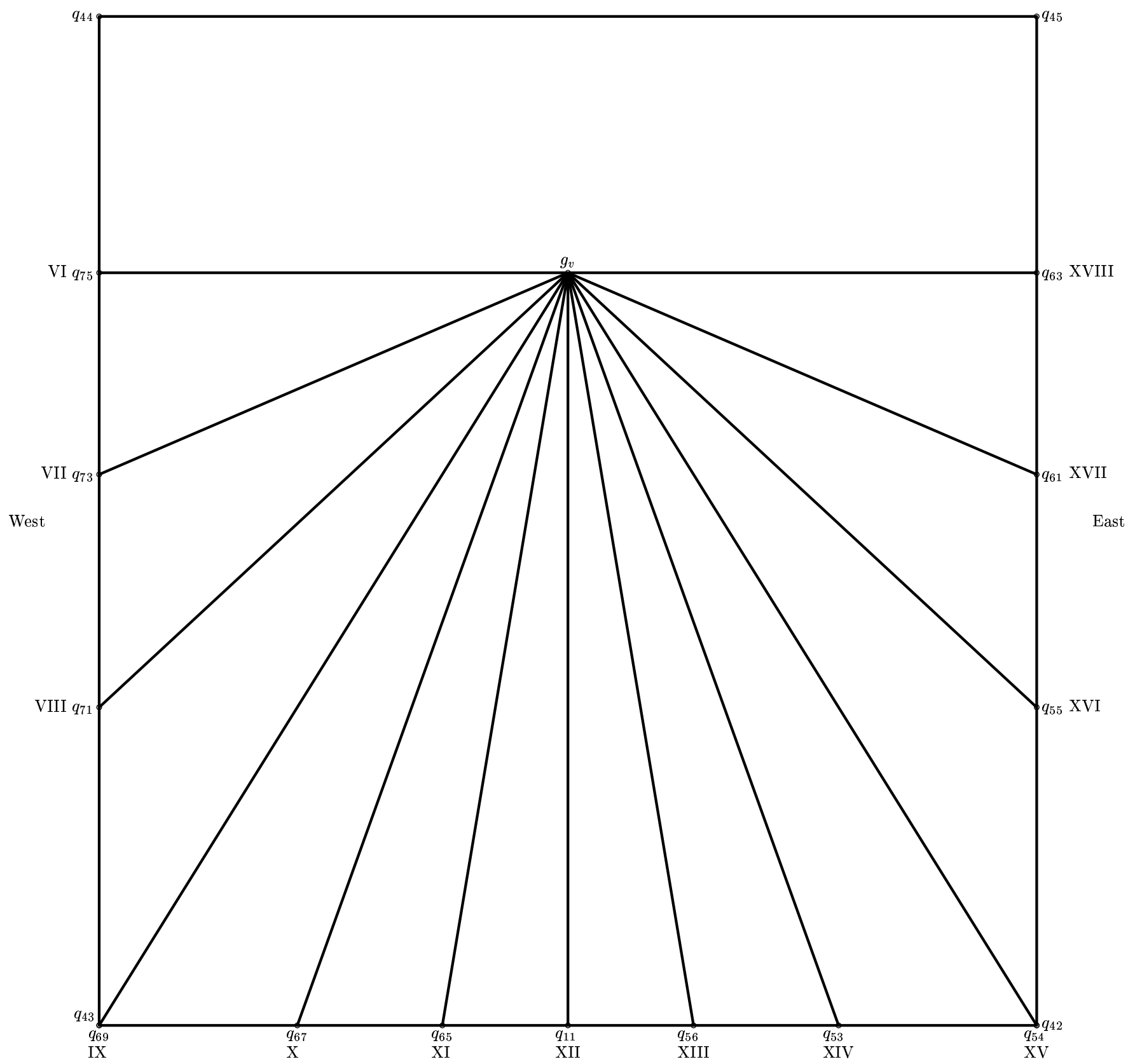


Perspective projection

Latitude 51° 30' 28" N (London, UK)
 Focus: position = (0, 5, -12), direction = (0, 5, 10), distance = 10
 (dimensions in centimeters)

London, UK 51° 30' 28" N, 0° 7' 41" W

Up

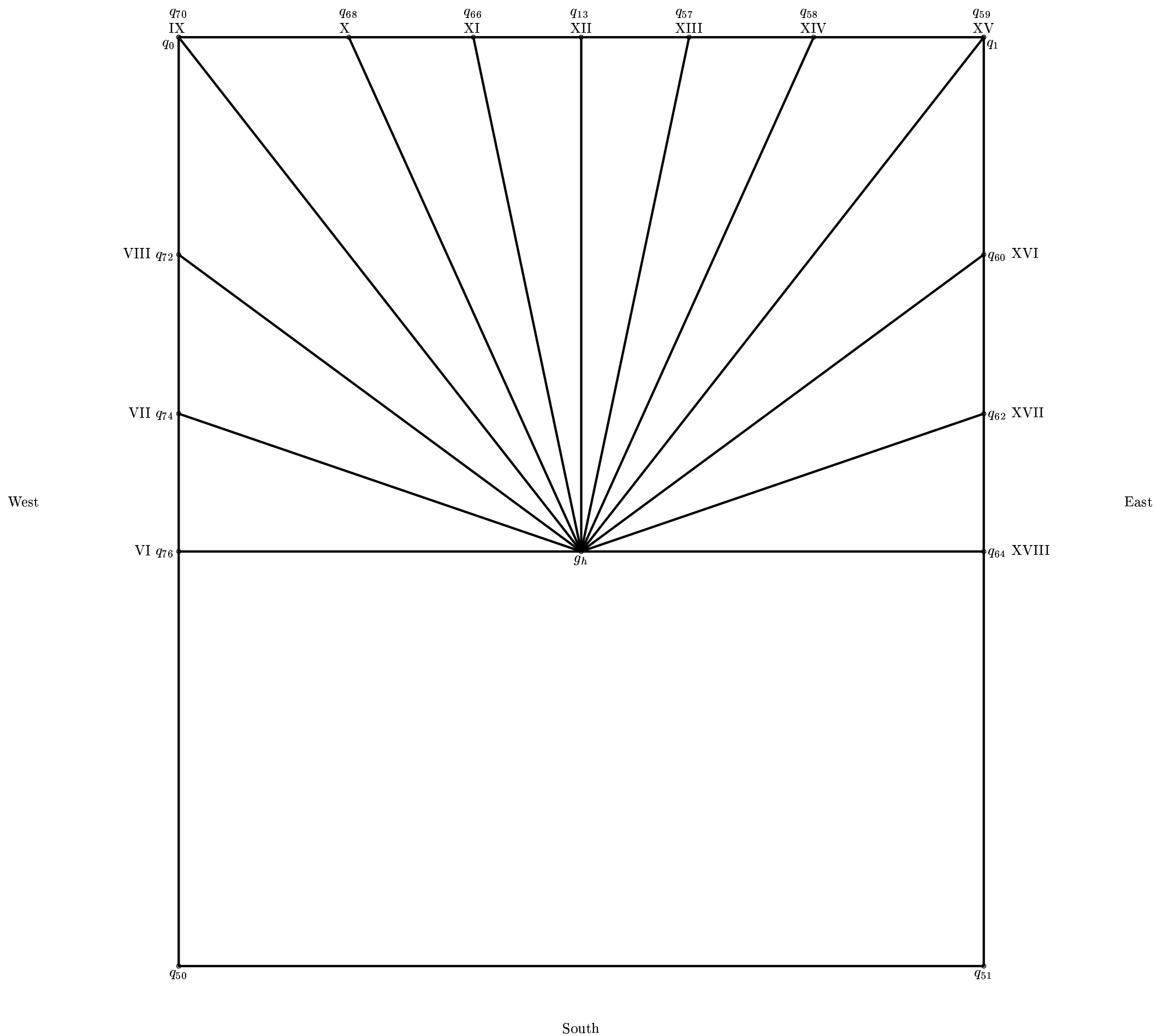


Down

Parallel projection onto the vertical plane (plane of r_1)
 Vertical dial facing due south
 Latitude 51° 30' 28" N (London, UK)

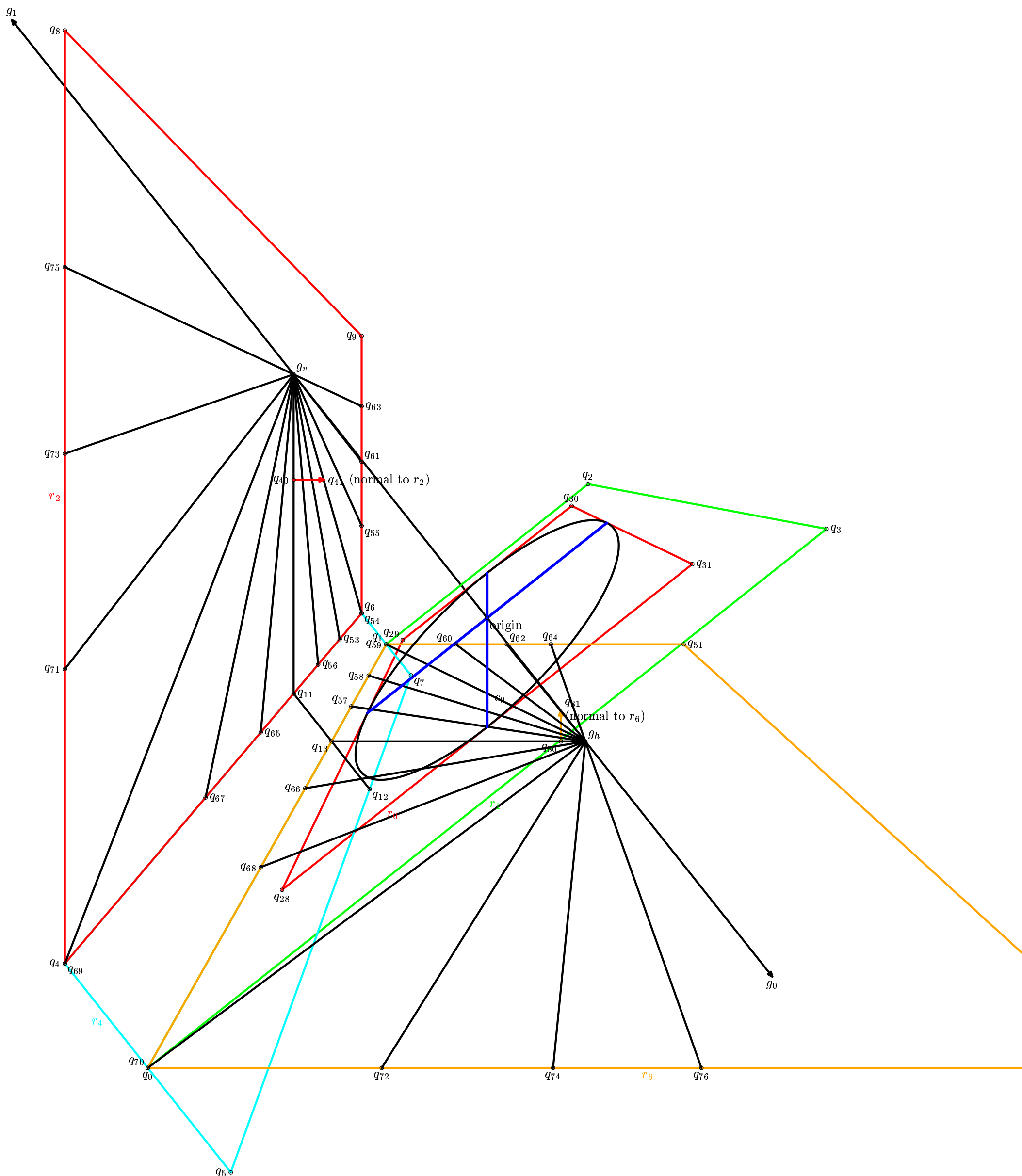
London, UK 51° 30' 28" N, 0° 7' 41" W

North



Parallel projection onto the horizontal plane (plane of r_6)
 Horizontal dial
 Latitude 51° 30' 28" N (London, UK)

Göttingen, Germany 51° 32' N, 9° 56' E

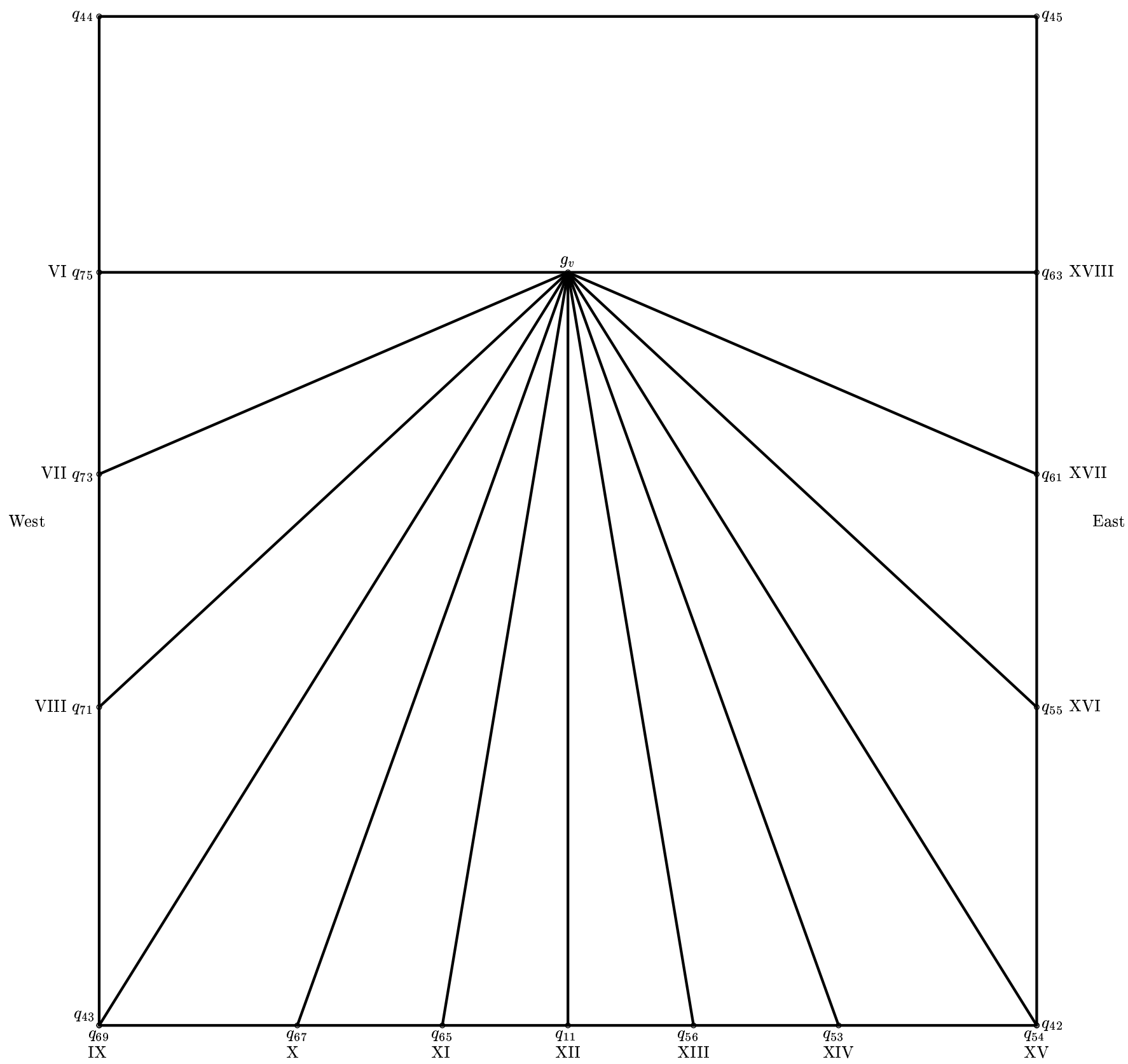


Perspective projection

Latitude 51° 32' N (Göttingen, Germany)
 Focus: position = (0, 5, -12), direction = (0, 5, 10), distance = 10
 (dimensions in centimeters)

Göttingen, Germany 51° 32' N, 9° 56' E

Up

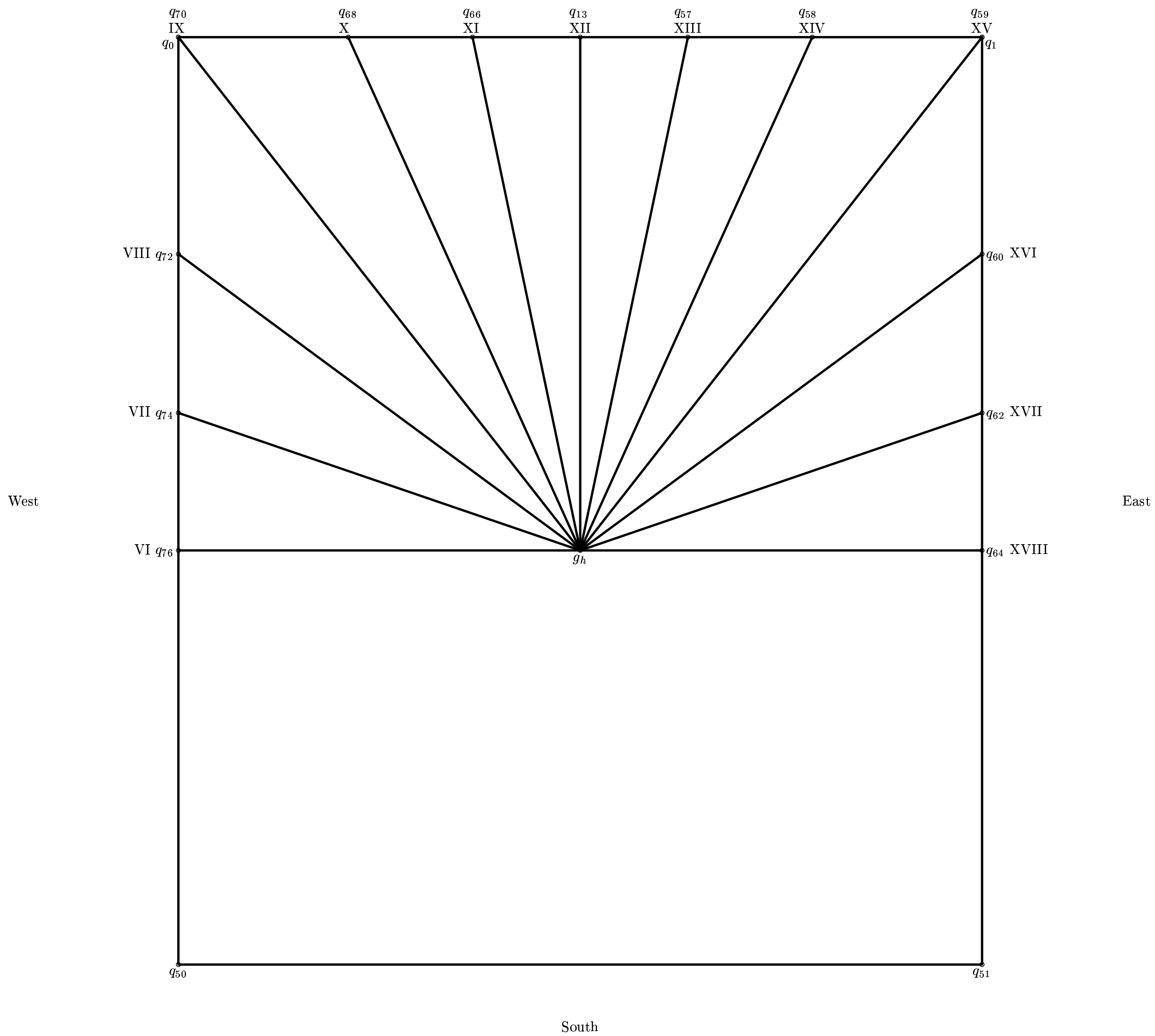


Down

Parallel projection onto the vertical plane (plane of r_1)
Vertical dial facing due south
Latitude 51° 32' N (Göttingen, Germany)

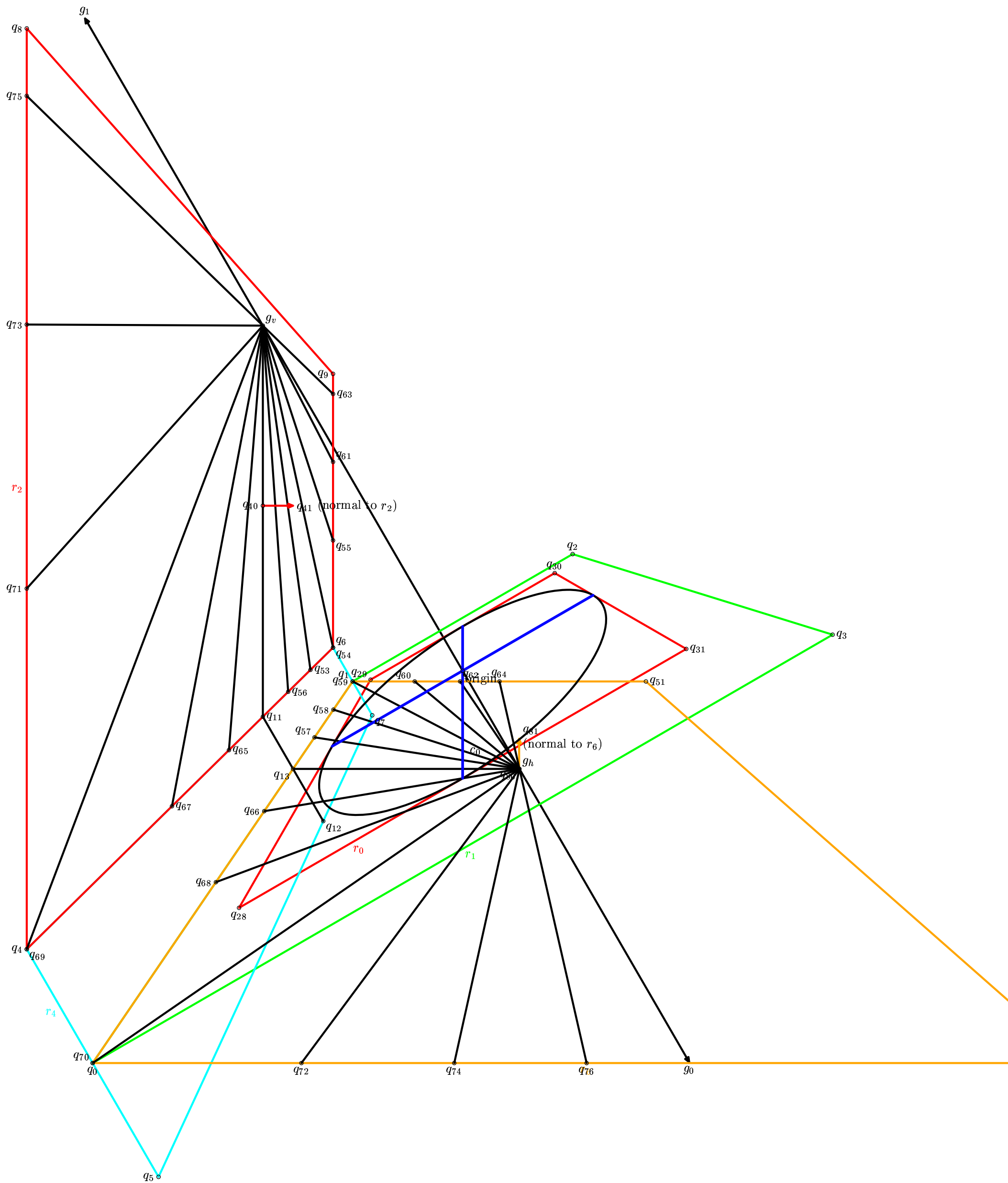
Göttingen, Germany 51° 32' N, 9° 56' E

North



Parallel projection onto the horizontal plane (plane of r_6).
 Horizontal dial
 Latitude 51° 32' N (Göttingen, Germany)

St. Petersburg, Russia 59° 56' N, 30° 20' E

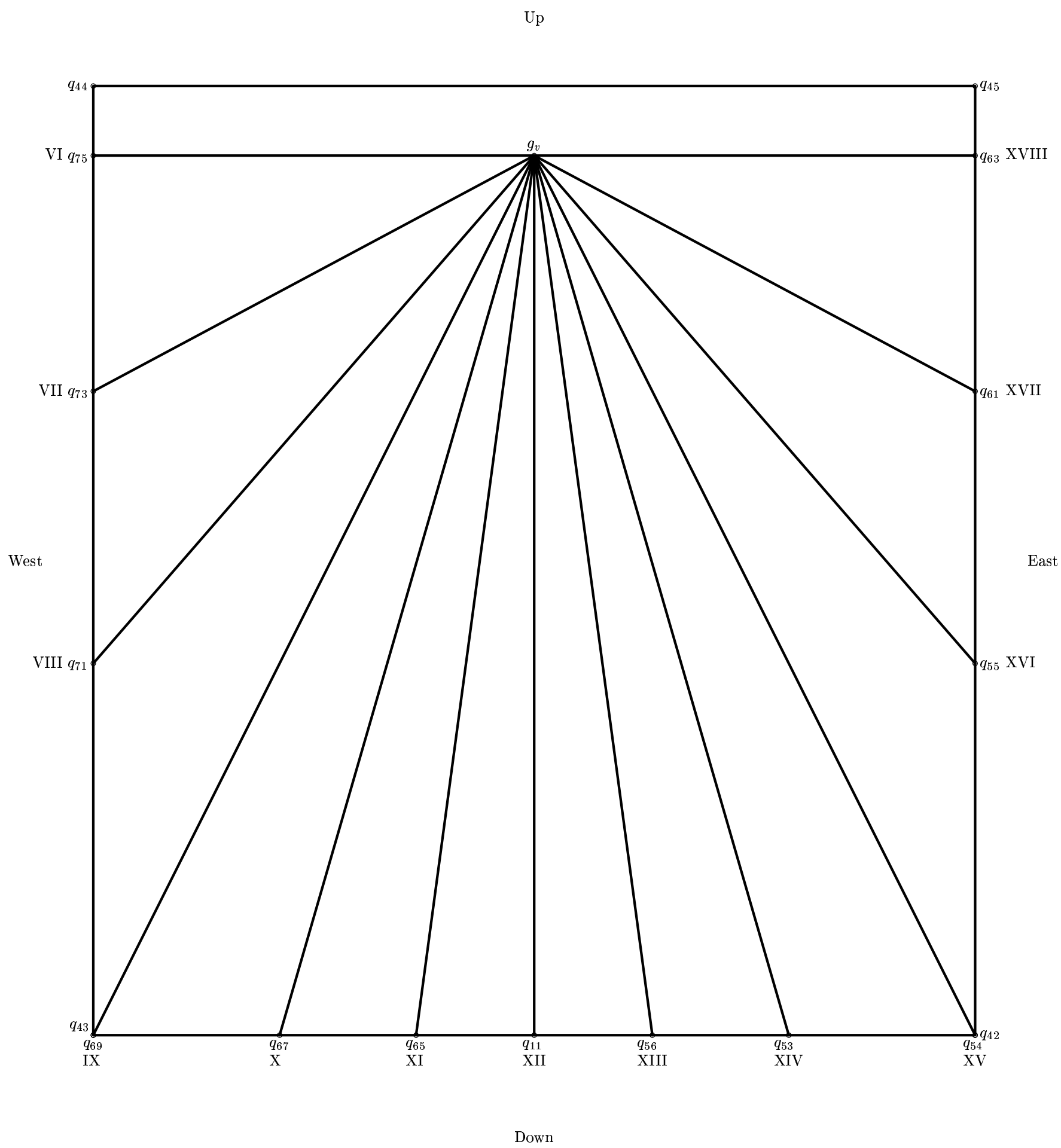


Perspective projection

St. Petersburg, Russia 59° 56' N, 30° 20' E

Focus: position = (0, 5, -12), direction = (0, 5, 10), distance = 10
 (dimensions in centimeters)

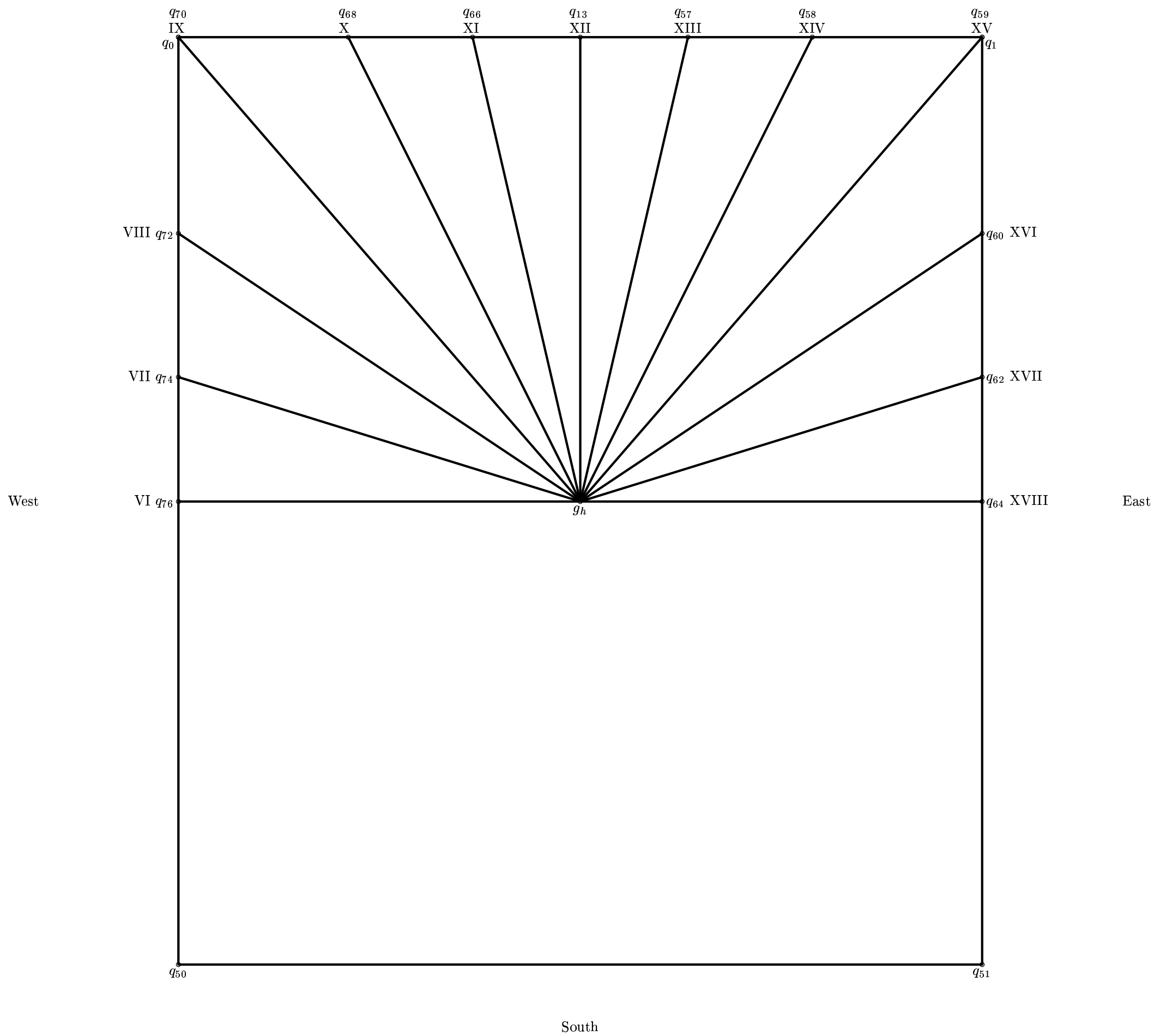
St. Petersburg, Russia 59° 56' N, 30° 20' E



Parallel projection onto the vertical plane (plane of r_1)
 Vertical dial facing due south
 St. Petersburg, Russia 59° 56' N, 30° 20' E

St. Petersburg, Russia 59° 56' N, 30° 20' E

North



Parallel projection onto the horizontal plane (plane of r_6).
 Horizontal dial
 St. Petersburg, Russia 59° 56' N, 30° 20' E