

$\text{[xshift=0cm] [circle, draw, fill=white, inner sep=2pt] (0) at (360/7 * 0:1cm) ;$
 $\text{[circle, draw, fill=white, inner sep=2pt] (1) at (360/7 * 1:1cm) ; [circle, draw,$
 $\text{fill=white, inner sep=2pt] (2) at (360/7 * 2:1cm) ; [circle, draw, fill=white,$
 $\text{inner sep=2pt] (3) at (360/7 * 3:1cm) ; [circle, draw, fill=white, inner$
 $\text{sep=2pt] (4) at (360/7 * 4:1cm) ; [circle, draw, fill=white, inner sep=2pt] (5)$
 $\text{at (360/7 * 5:1cm) ; [circle, draw, fill=white, inner sep=2pt] (6) at (360/7 *}$
 $\text{6:1cm) ; [circle, draw, fill=white, inner sep=2pt] (7) at (360/7 * 7:1cm) ;}$
 $\text{[thick, red] (0) - (1.0); [thick, red] (1) - (2.0); [thick, red] (2) - (3.0);}$
 $\text{[thick, red] (3) - (4.0); [thick, red] (4) - (5.0); [thick, red] (5) - (6.0);}$
 $\text{[thick, red] (6) - (7.0); [thick, red] (7) - (0); [xshift=5cm] [circle, draw,$
 $\text{fill=white, inner sep=2pt] (0) at (360/7 * 0:1cm) ; [circle, draw, fill=white,$
 $\text{inner sep=2pt] (1) at (360/7 * 1:1cm) ; [circle, draw, fill=white, inner}$
 $\text{sep=2pt] (2) at (360/7 * 2:1cm) ; [circle, draw, fill=white, inner sep=2pt] (3)$
 $\text{at (360/7 * 3:1cm) ; [circle, draw, fill=white, inner sep=2pt] (4) at (360/7 *}$
 $\text{4:1cm) ; [circle, draw, fill=white, inner sep=2pt] (5) at (360/7 * 5:1cm) ;}$
 $\text{[circle, draw, fill=white, inner sep=2pt] (6) at (360/7 * 6:1cm) ; [circle, draw,$
 $\text{fill=white, inner sep=2pt] (7) at (360/7 * 7:1cm) ; [thick, green] (0) - (1.0);}$
 $\text{[thick, green] (1) - (2.0); [thick, green] (2) - (3.0); [thick, green] (3) - (4.0);}$
 $\text{[thick, green] (4) - (5.0); [thick, green] (5) - (6.0); [thick, green] (6) - (7.0);}$
 $\text{[thick, green] (7) - (0); [xshift=10cm] [circle, draw, fill=white, inner}$
 $\text{sep=2pt] (0) at (360/7 * 0:1cm) ; [circle, draw, fill=white, inner sep=2pt] (1)$
 $\text{at (360/7 * 1:1cm) ; [circle, draw, fill=white, inner sep=2pt] (2) at (360/7 *}$
 $\text{2:1cm) ; [circle, draw, fill=white, inner sep=2pt] (3) at (360/7 * 3:1cm) ;}$
 $\text{[circle, draw, fill=white, inner sep=2pt] (4) at (360/7 * 4:1cm) ; [circle, draw,$
 $\text{fill=white, inner sep=2pt] (5) at (360/7 * 5:1cm) ; [circle, draw, fill=white,$
 $\text{inner sep=2pt] (6) at (360/7 * 6:1cm) ; [circle, draw, fill=white, inner}$
 $\text{sep=2pt] (7) at (360/7 * 7:1cm) ; [thick, blue] (0) - (1.0); [thick, blue] (1)$
 $\text{- (2.0); [thick, blue] (2) - (3.0); [thick, blue] (3) - (4.0); [thick, blue] (4) -}$
 $\text{(5.0); [thick, blue] (5) - (6.0); [thick, blue] (6) - (7.0); [thick, blue] (7) -}$
 (0);

Figure 2: 3-Edge Coloring of G_7 ($n/2 = 3.5$, odd)