

APPENDIX C – PICTURES OF EQUILIBRIA

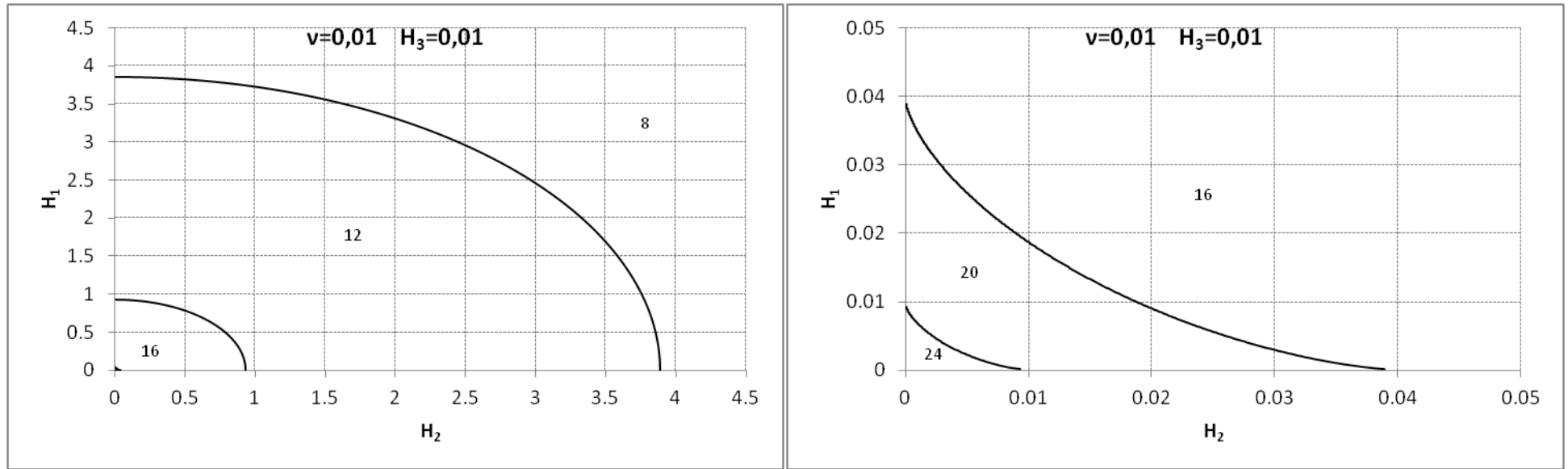


Figure C.1: Equilibria Pictures for $v=0.01$ and $H_3=0.01$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

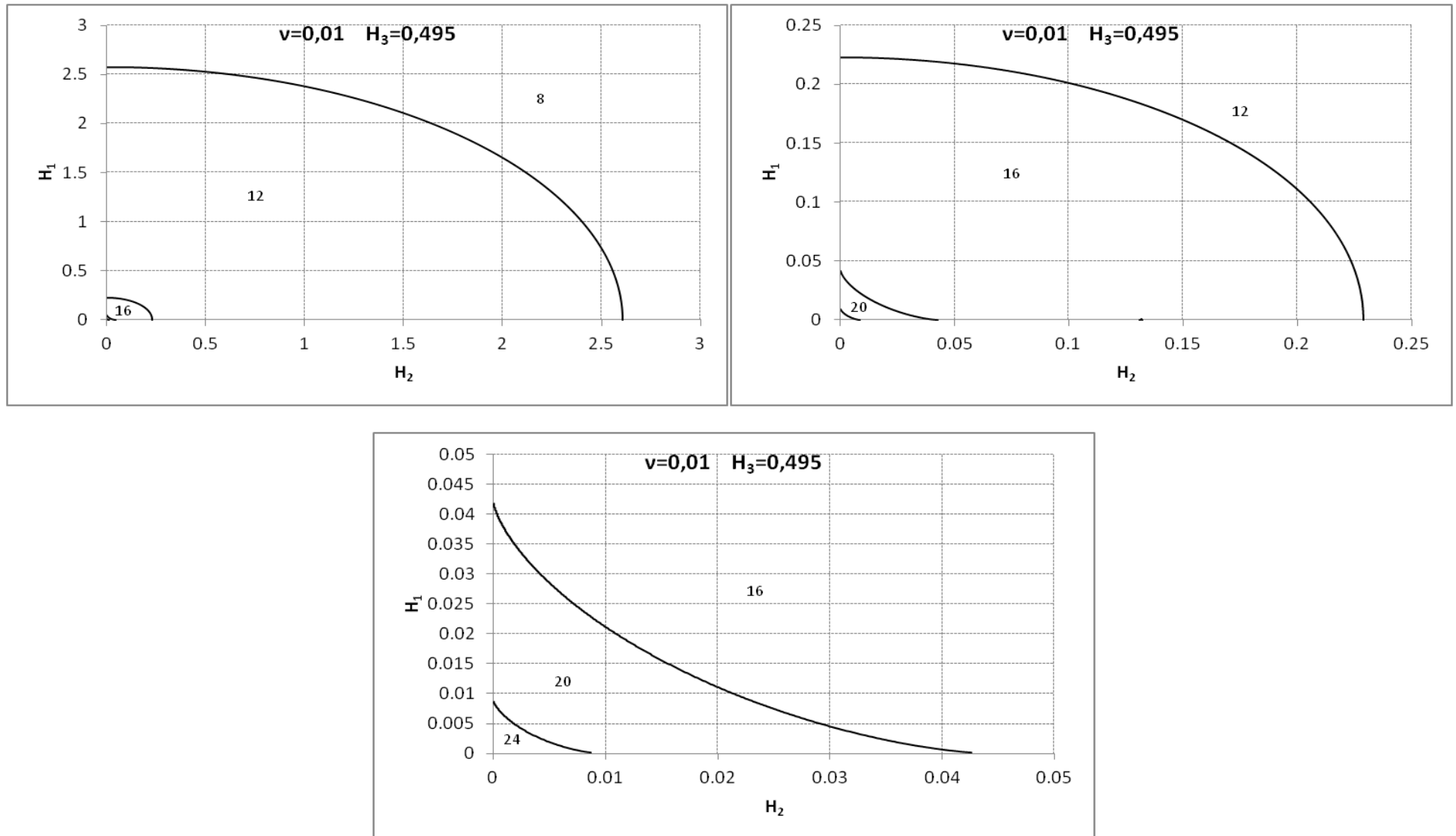


Figure C.2: Equilibria Pictures for $v=0.01$ and $H_3=0.495$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

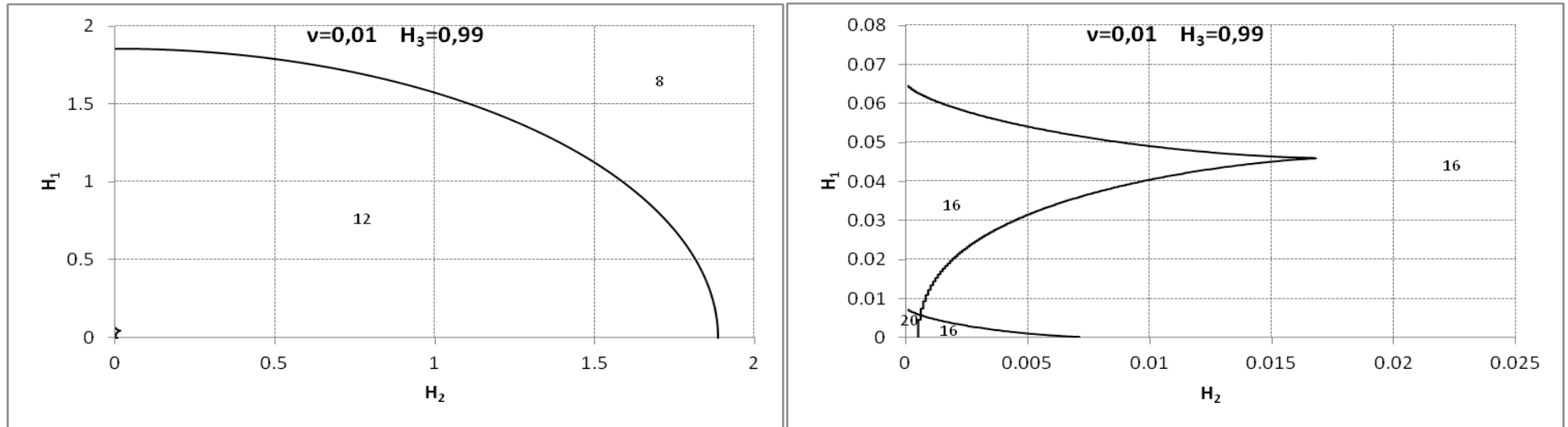


Figure C.3: Equilibria Pictures for $v=0.01$ and $H_3=0.99$

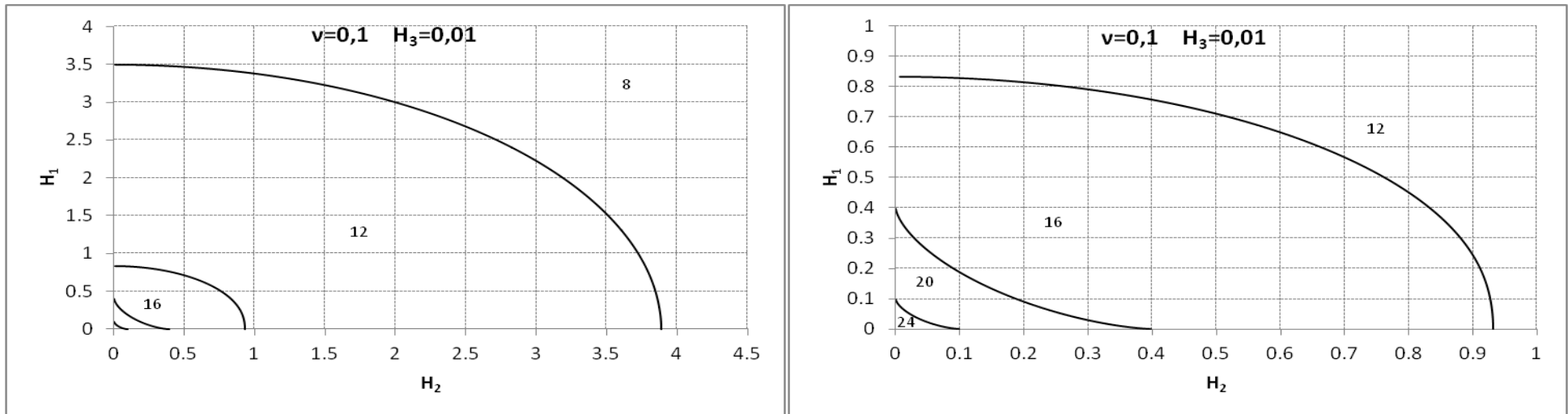


Figure C.4: Equilibria Pictures for $v=0.1$ and $H_3=0.01$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

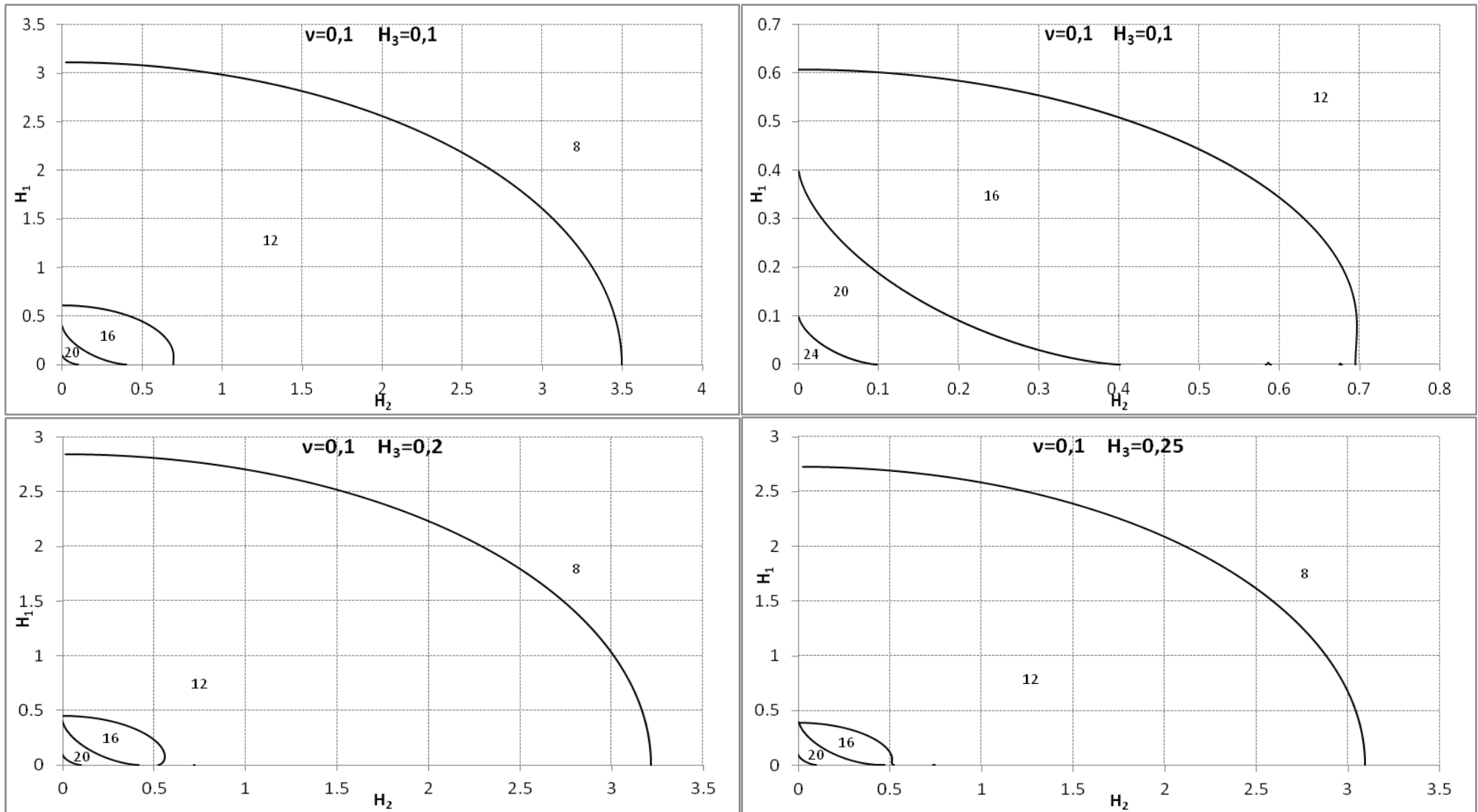


Figure C.5: Equilibria Pictures for $v=0.1$ and $H_3=0.1$, $H_3=0.2$ and $H_3=0.25$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

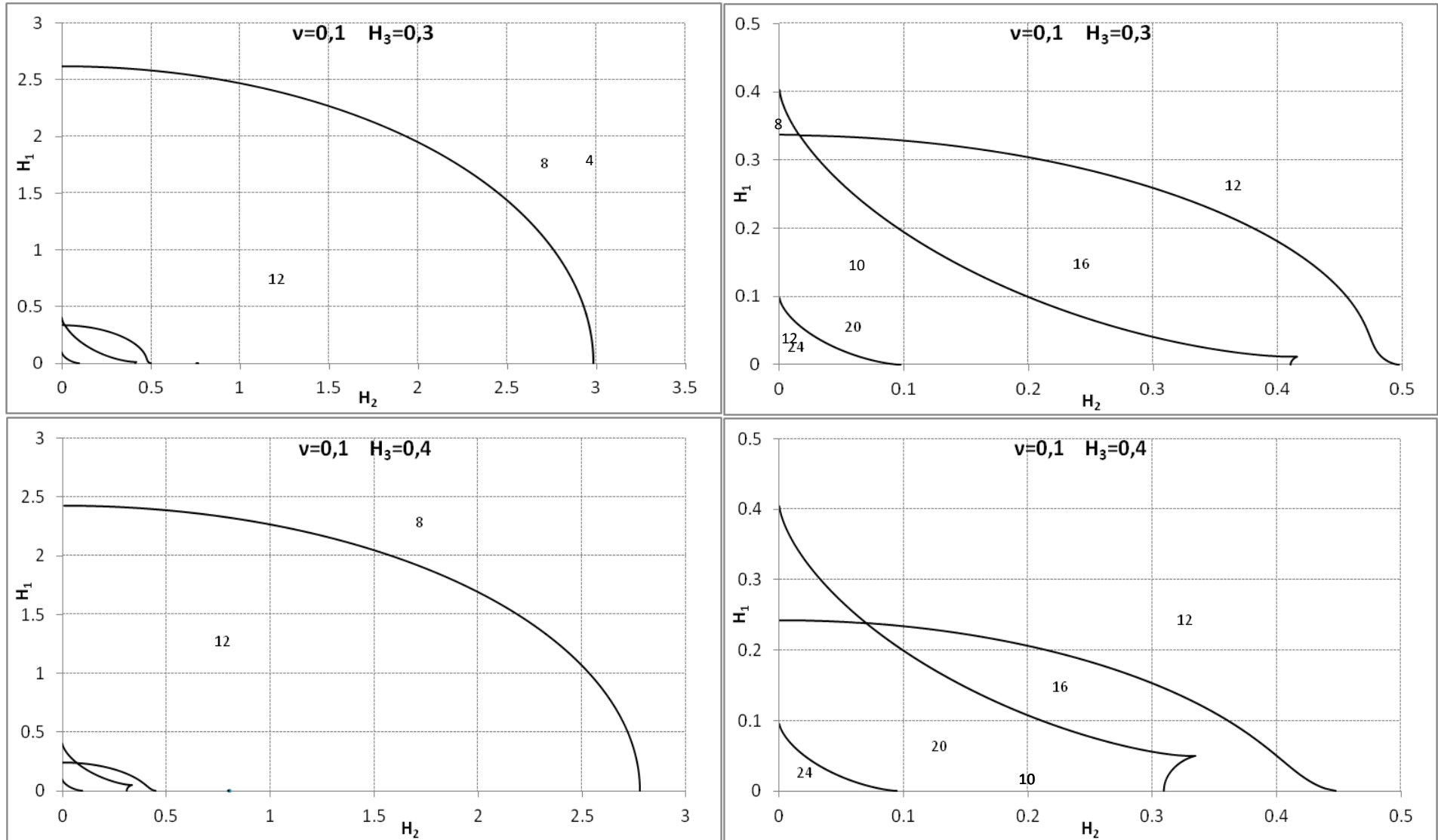


Figure C.6: Equilibria Pictures for $v=0.1$ and $H_3=0.3$ and $H_3=0.4$

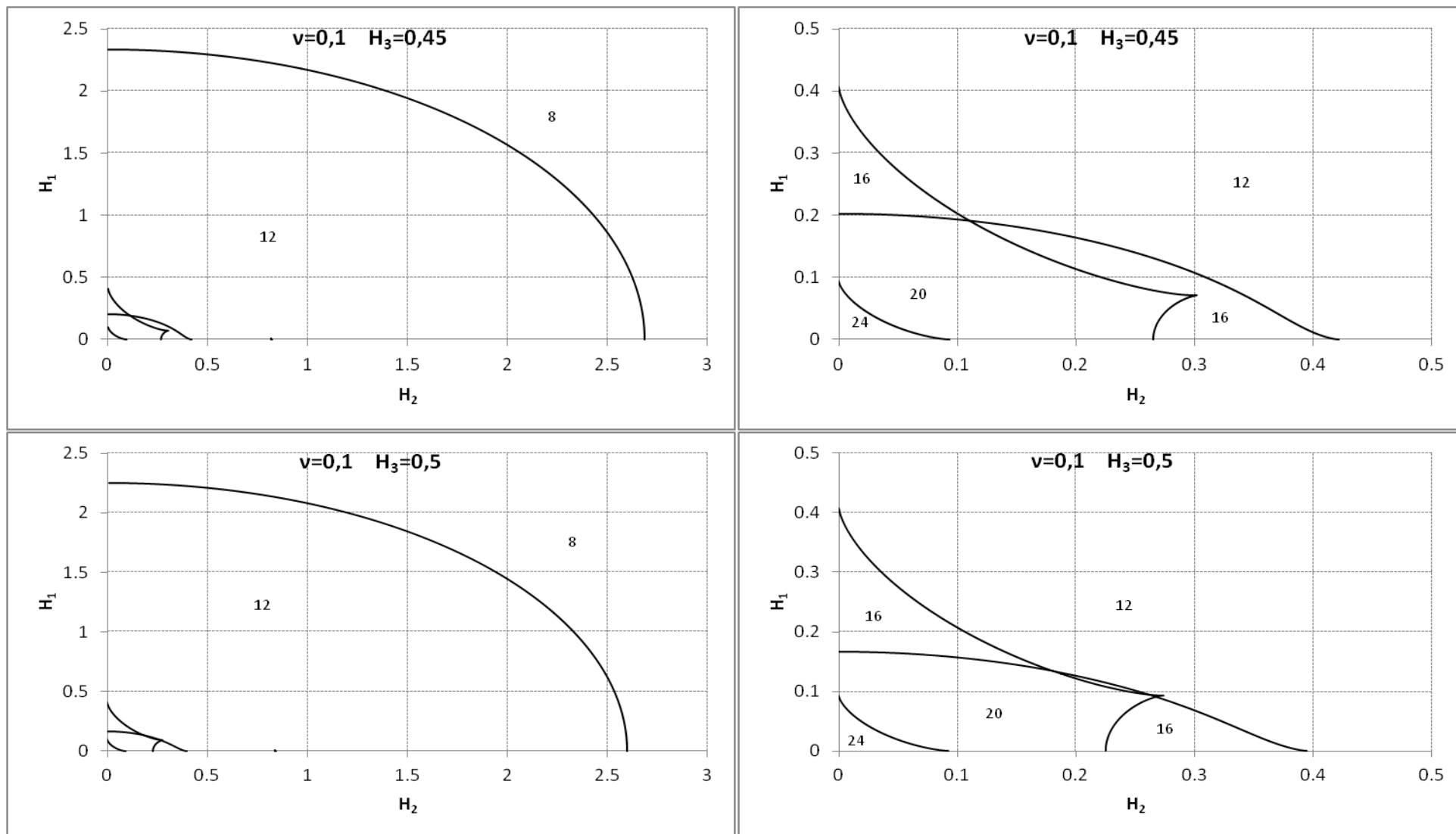


Figure C.7: Equilibria Pictures for $\nu=0.1$ and $H_3=0.45$ and $H_3=0.5$

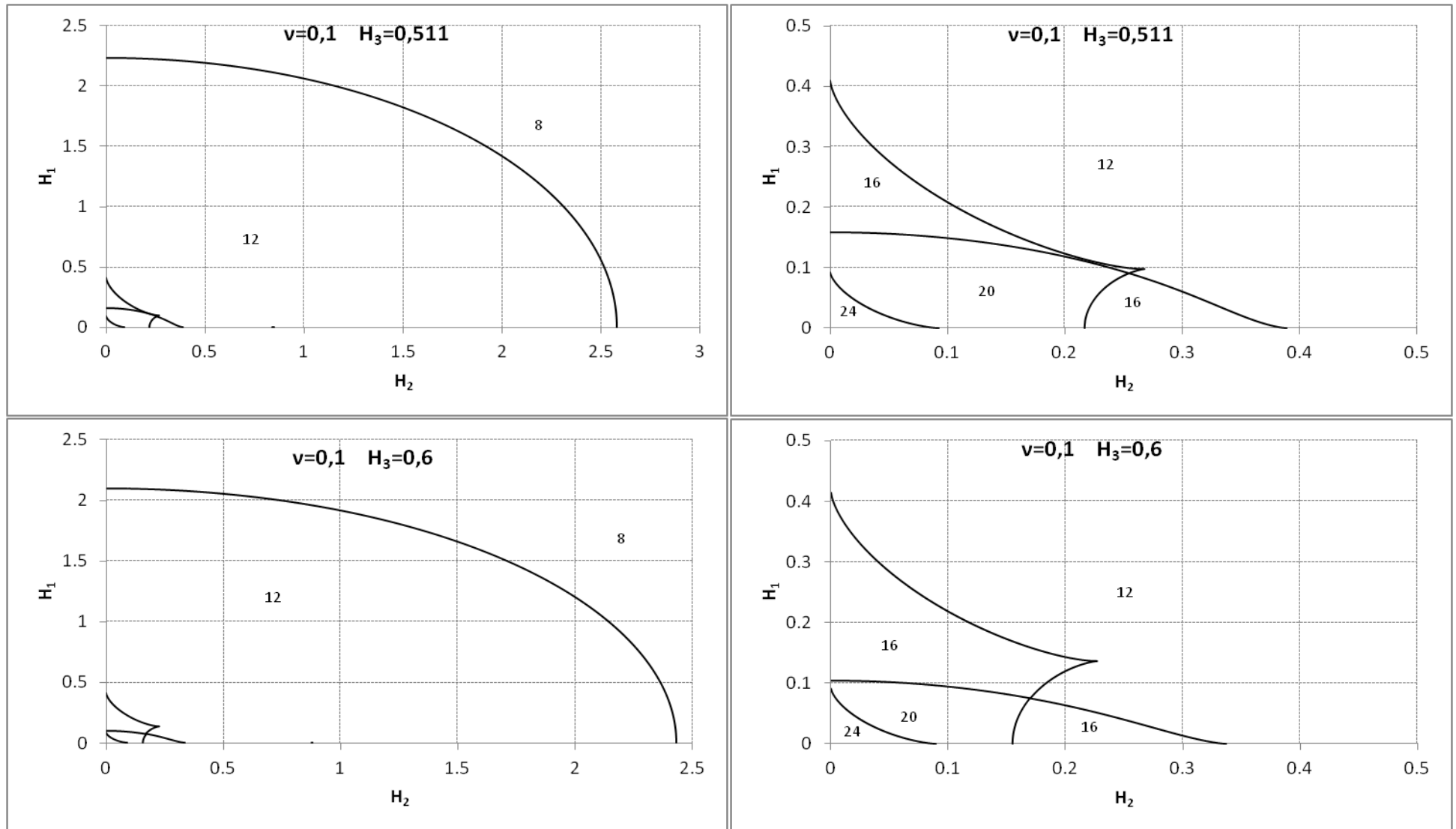


Figure C.8: Equilibria Pictures for $\nu=0.1$ and $H_3=0.511$ and $H_3=0.6$

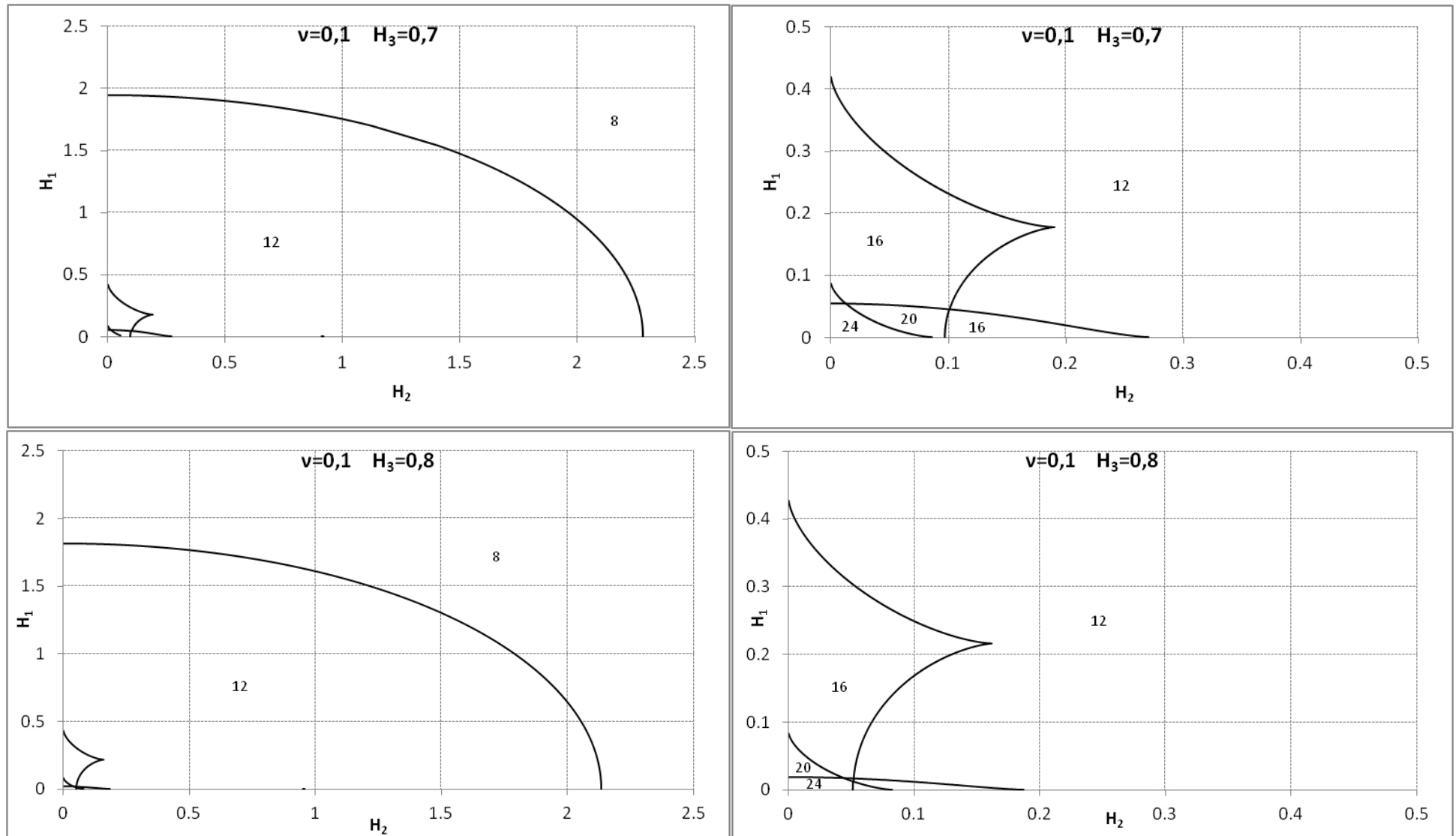


Figure C.9: Equilibria Pictures for $v=0.1$ and $H_3=0.7$ and $H_3=0.8$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

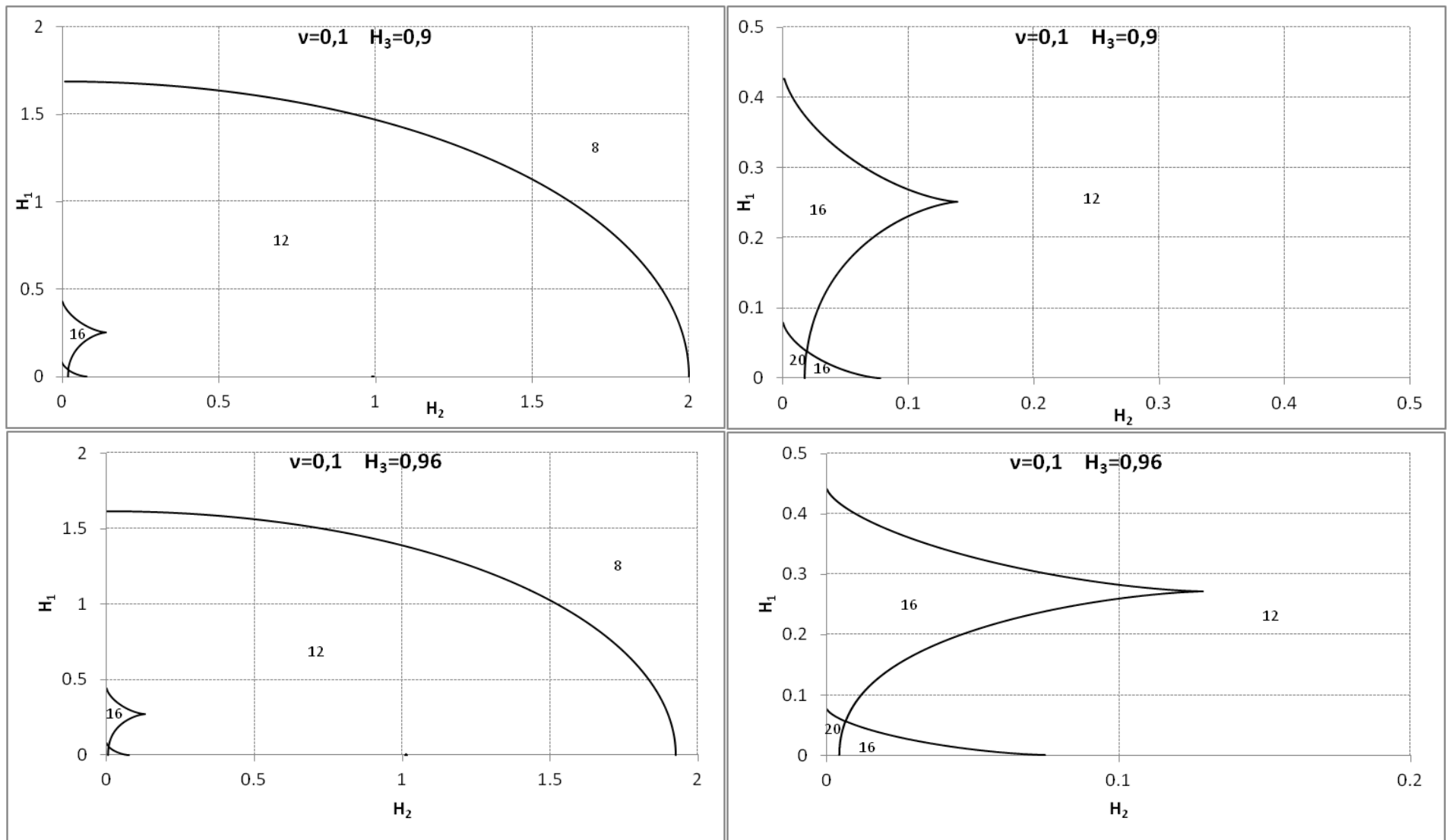


Figure C.10: Equilibria Pictures for $v=0.1$ and $H_3=0.9$ and $H_3=0.96$

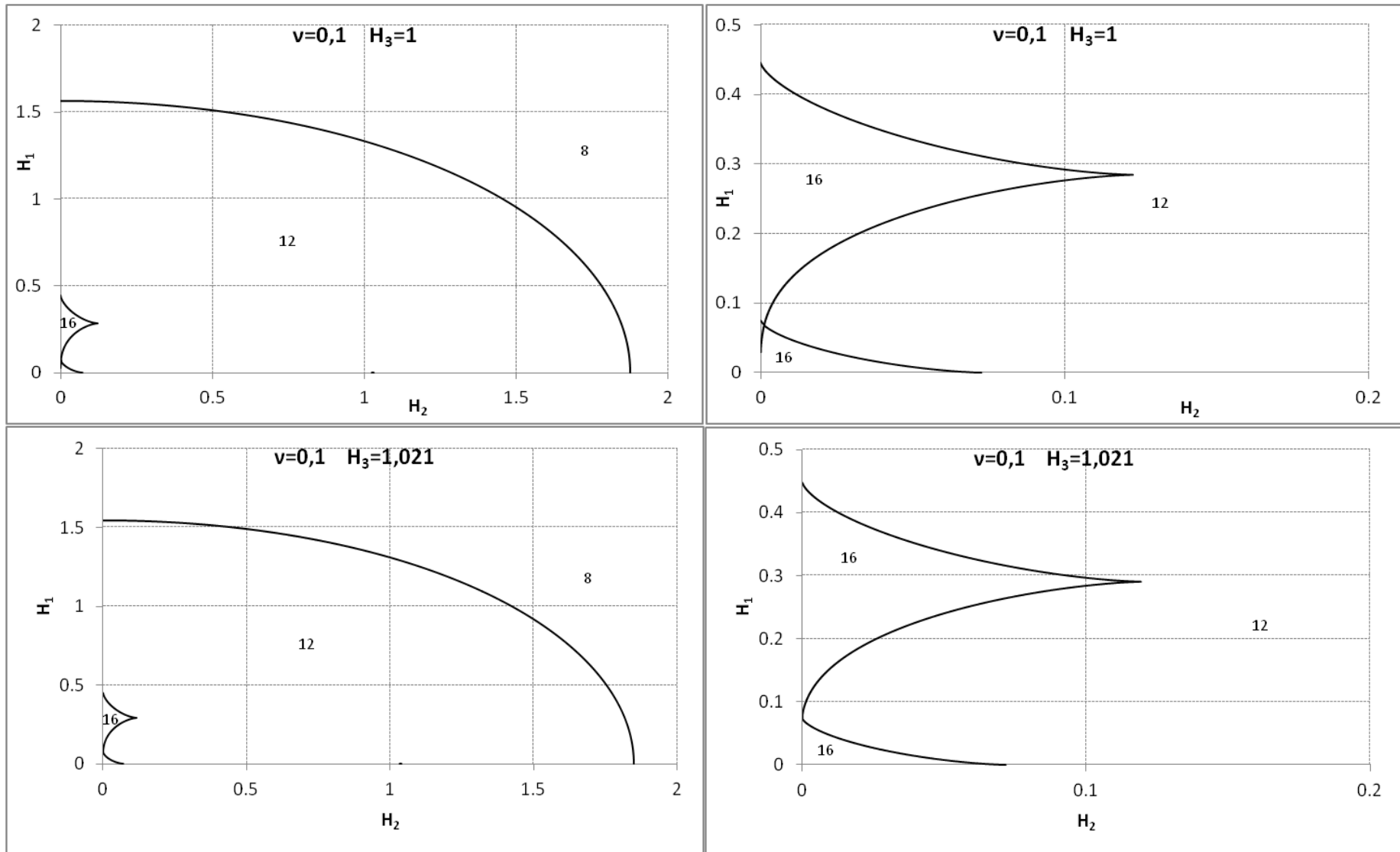


Figure C.11: Equilibria Pictures for $v=0,1$ and $H_3=1$ and $H_3=1.021$

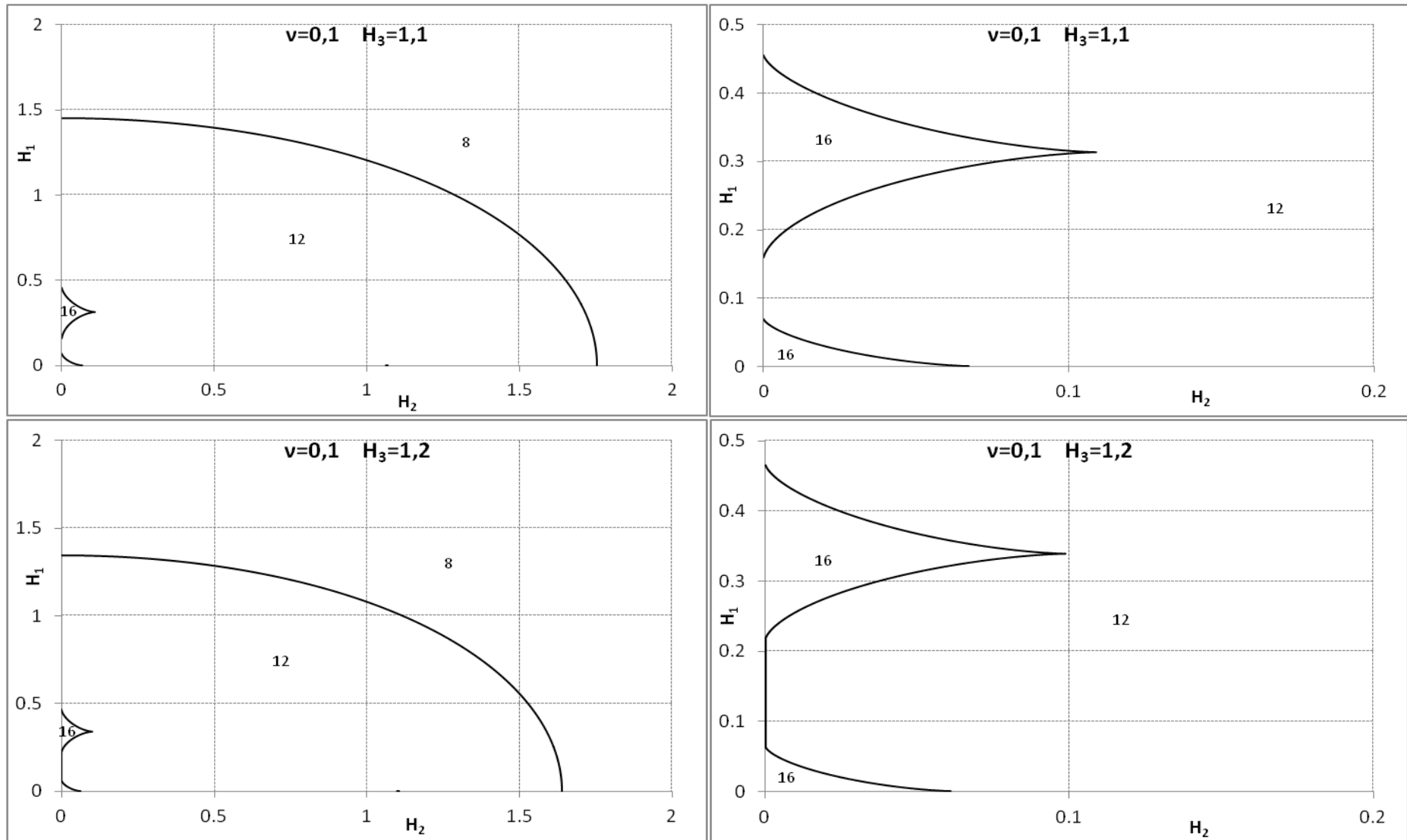


Figure C.12: Equilibria Pictures for $\nu=0.1$ and $H_3=1.1$ and $H_3=1.2$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

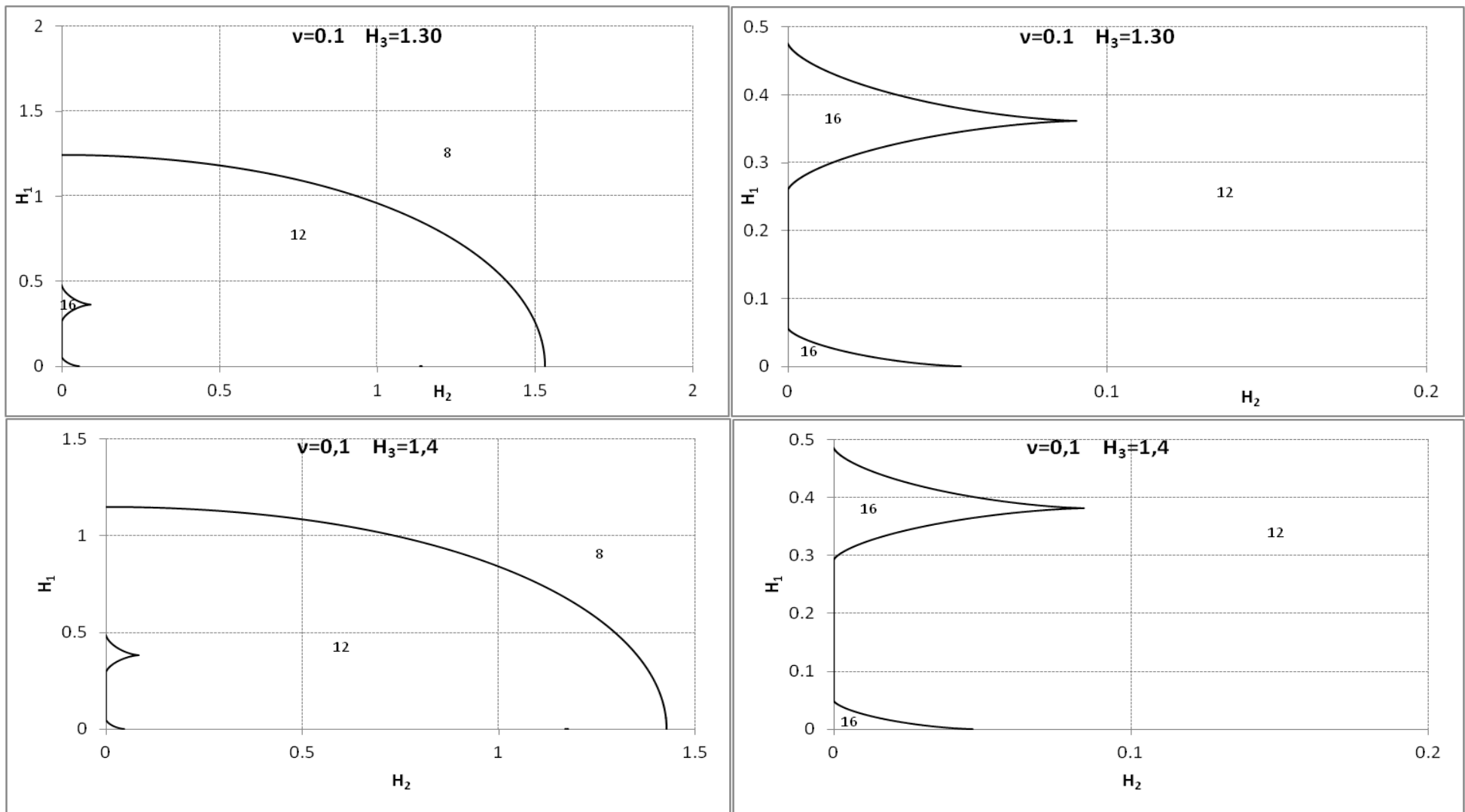


Figure C.13: Equilibria Pictures for $v=0.1$ and $H_3=1.3$ and $H_3=1.4$

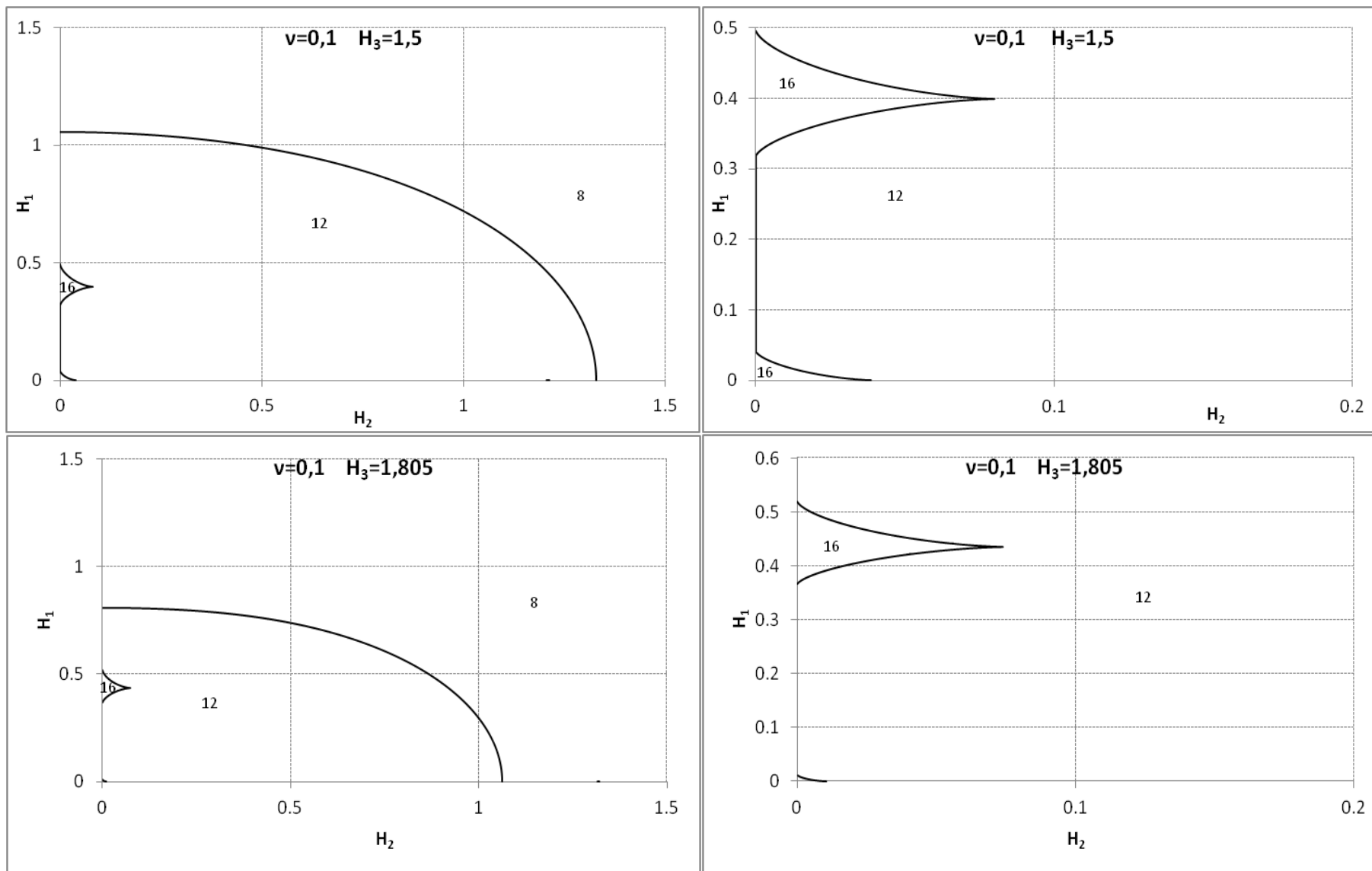


Figure C.14: Equilibria Pictures for $v=0.1$ and $H_3=1.5$ and $H_3=1.805$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

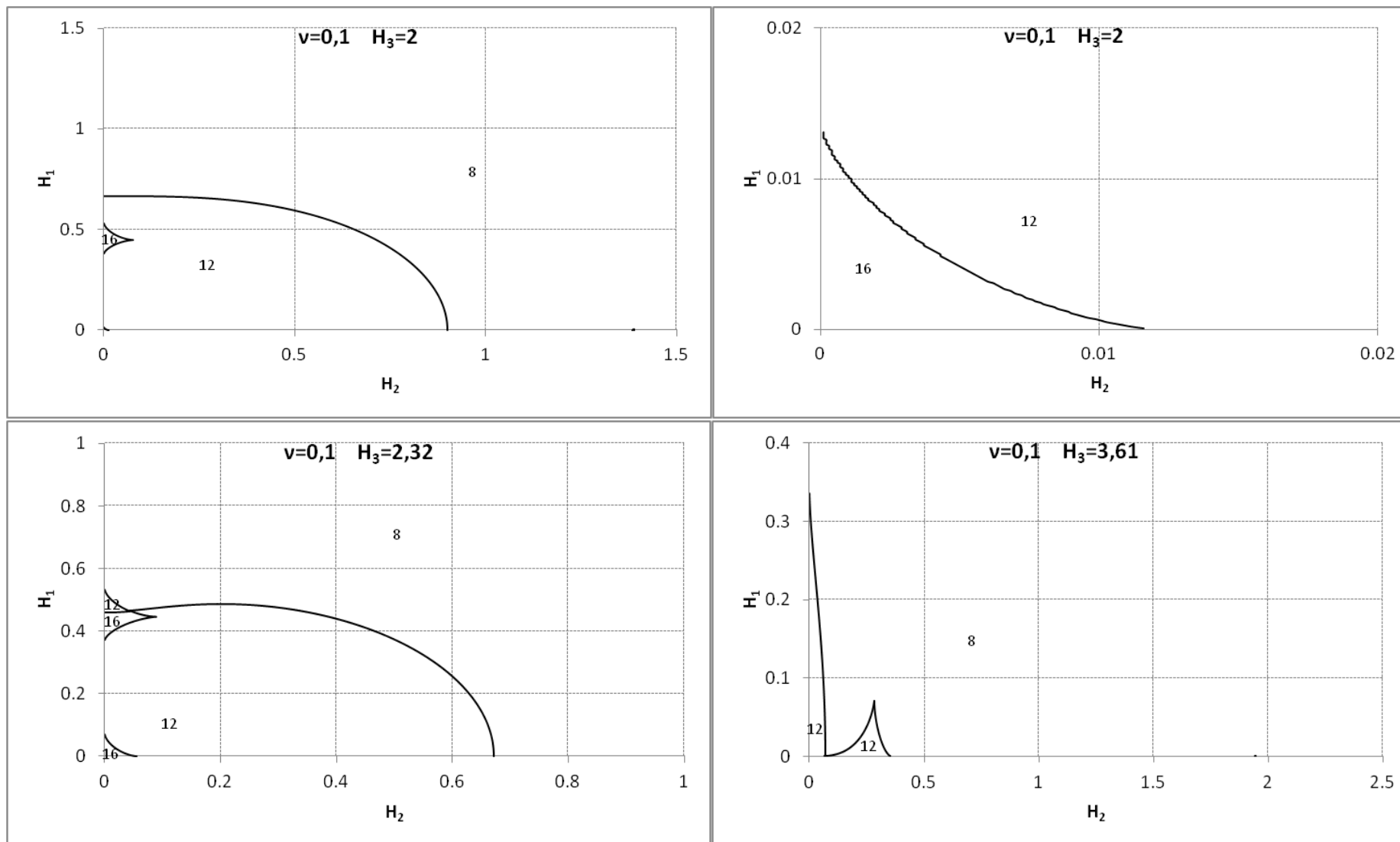


Figure C.15: Equilibria Pictures for $v=0.1$ and $H_3=2$, $H_3=2.32$ and $H_3=3.61$

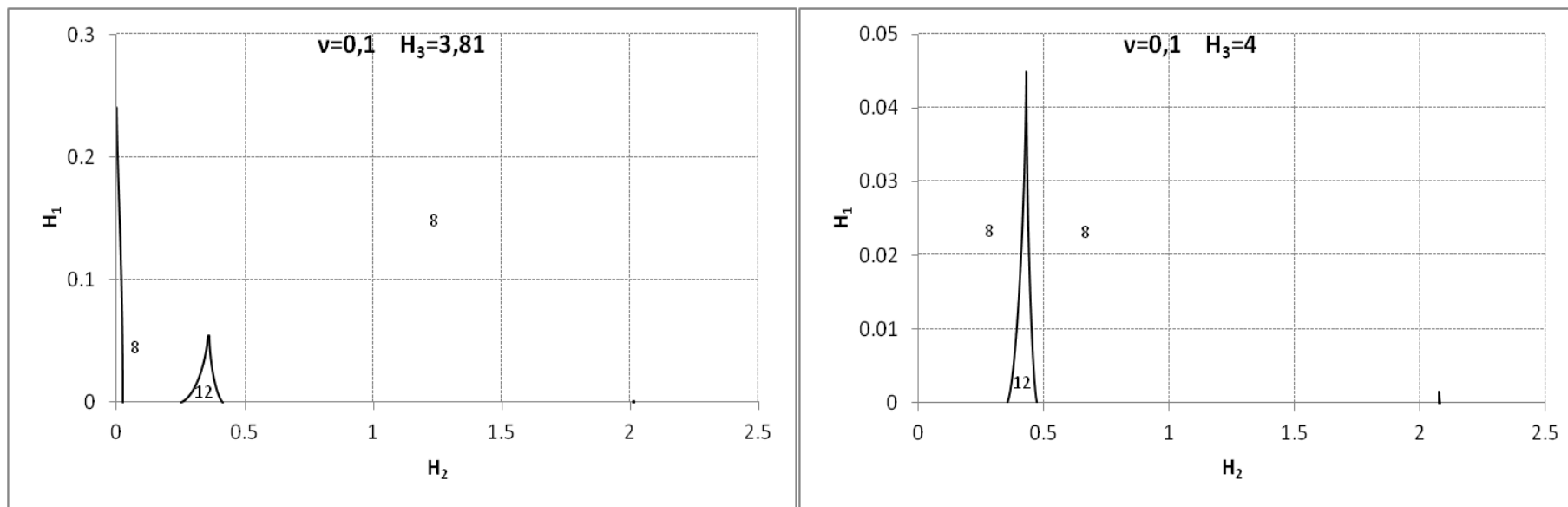


Figure C.16: Equilibria Pictures for $v=0.1$ and $H_3=3.81$ and $H_3=4$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

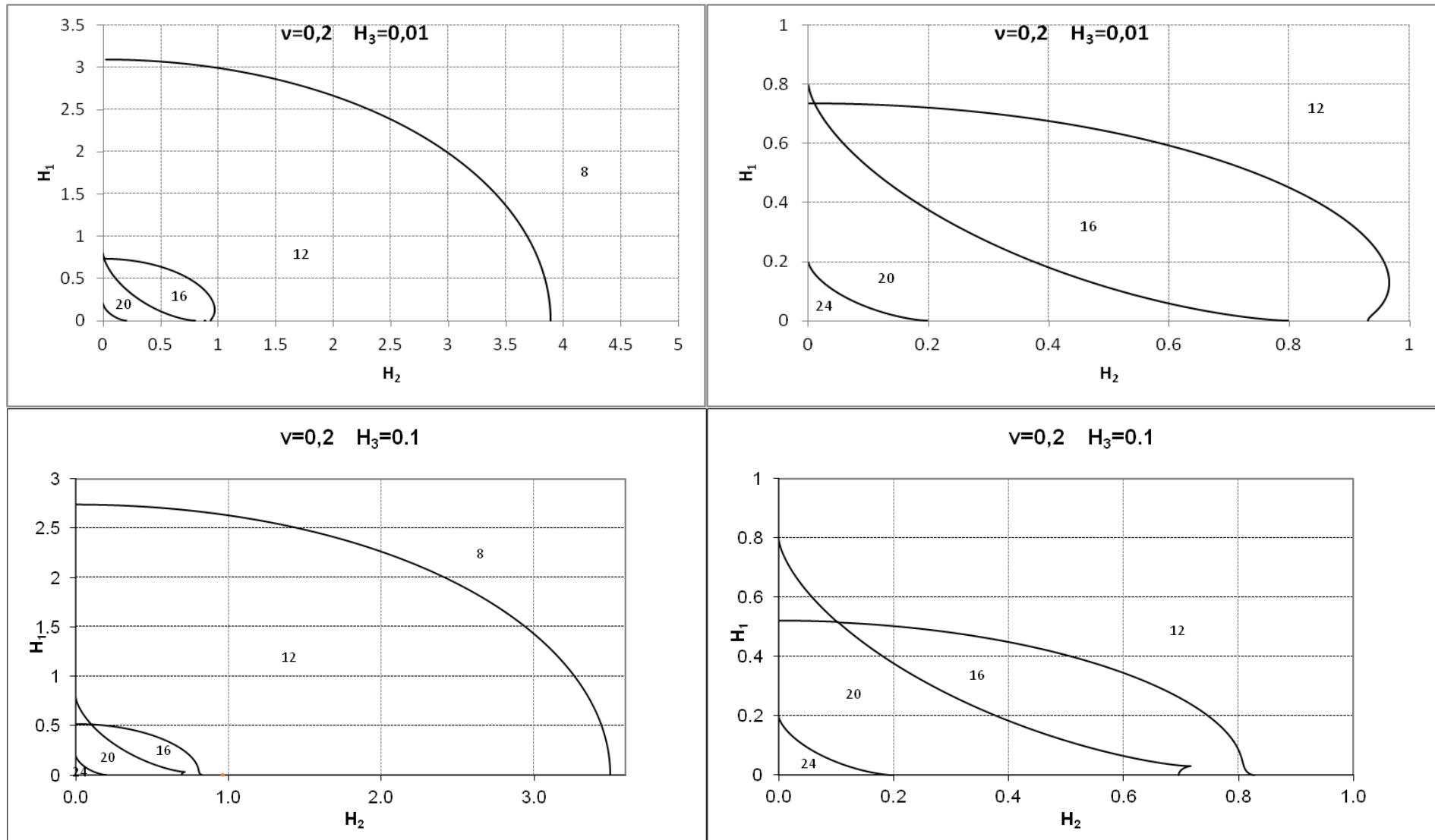


Figure C.17: Equilibria Pictures for $v=0.2$ and $H_3=0.01$ and $H_3=0.1$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

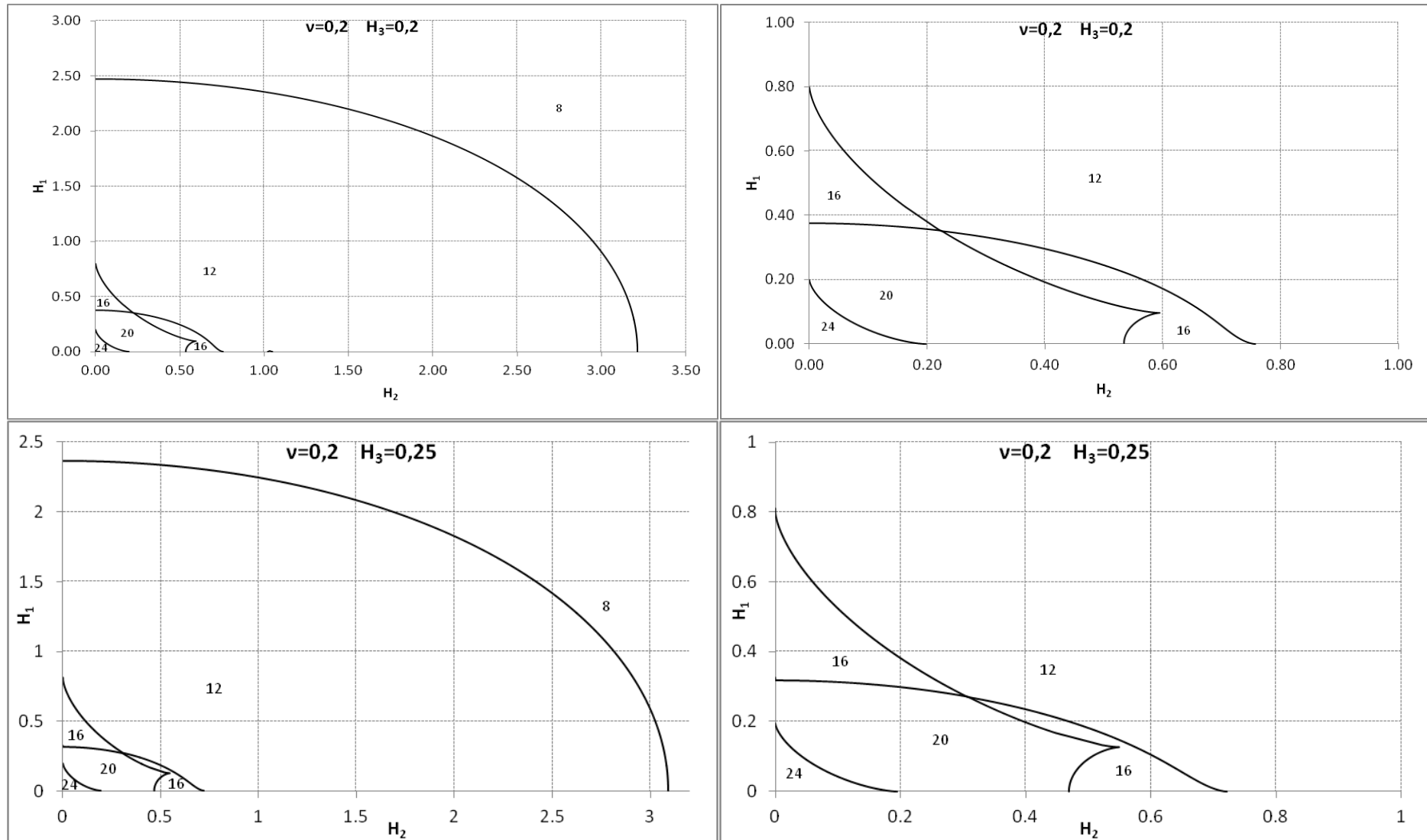


Figure C.18: Equilibria Pictures for $\nu=0.2$ and $H_3=0.2$ and $H_3=0.25$

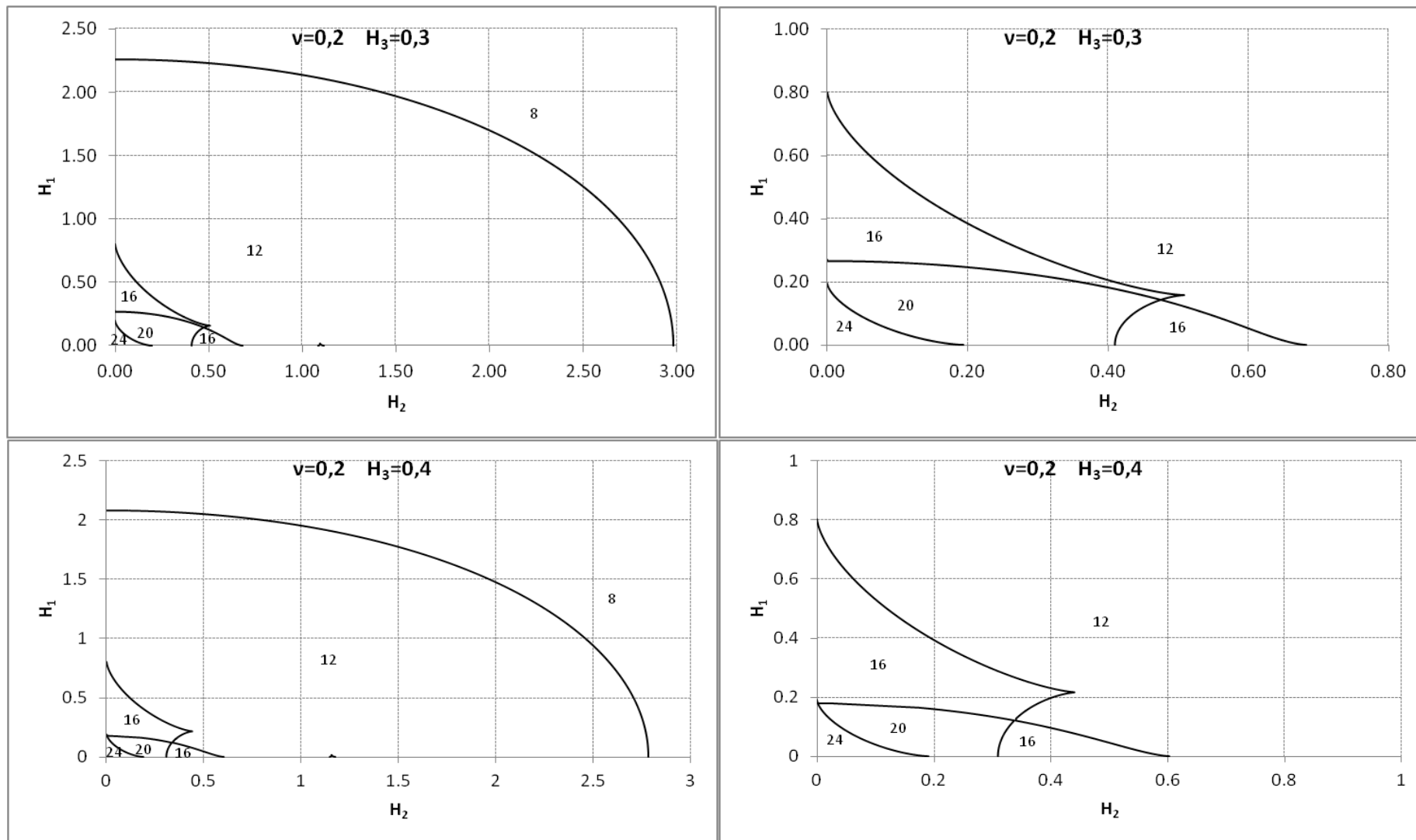


Figure C.19: Equilibria Pictures for $\nu=0.2$ and $H_3=0.3$ and $H_3=0.4$

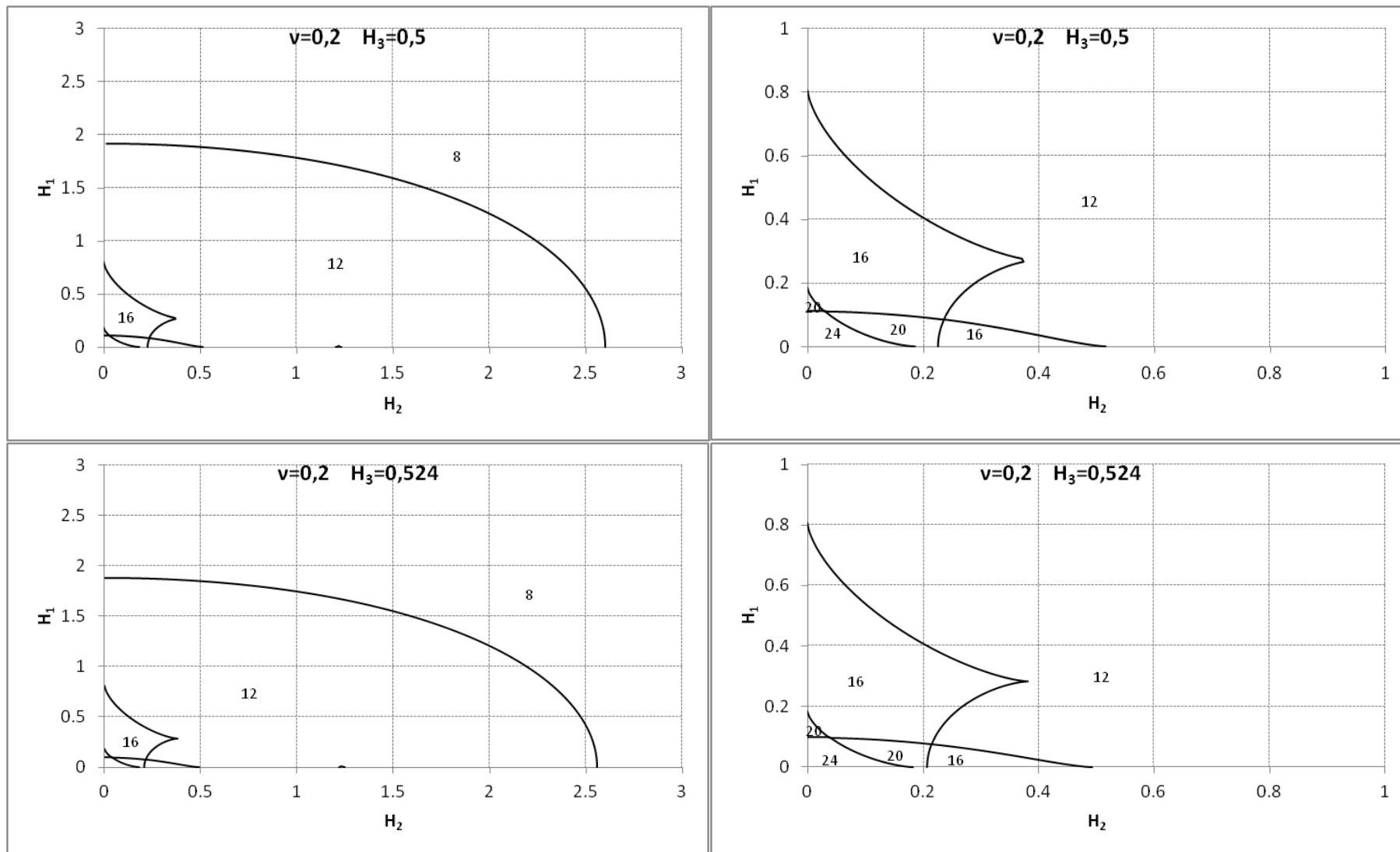


Figure C.20: Equilibria Pictures for $v=0.2$ and $H_3=0.5$ and $H_3=0.524$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

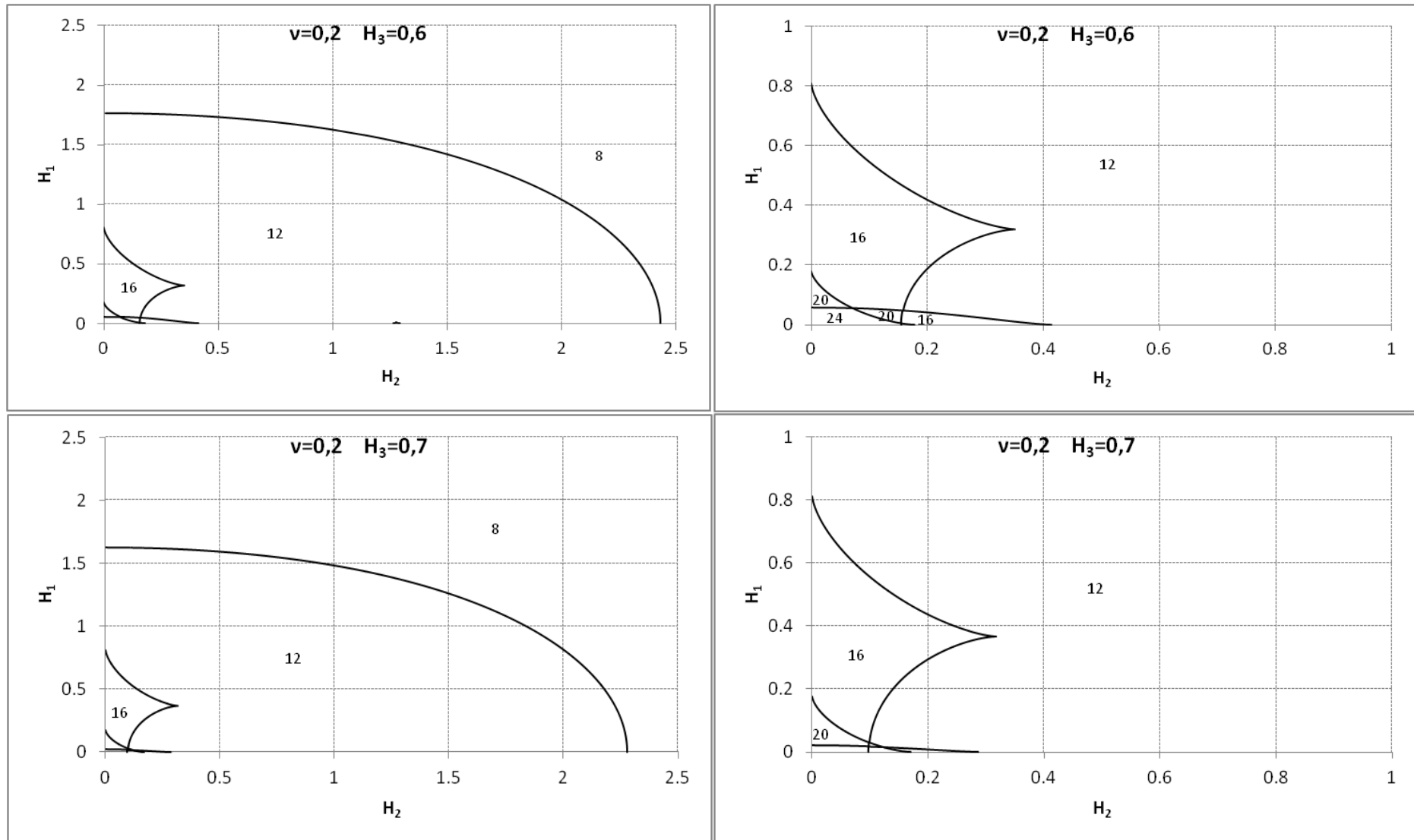


Figure C.21: Equilibria Pictures for $v=0.2$ and $H_3=0.6$ and $H_3=0.7$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

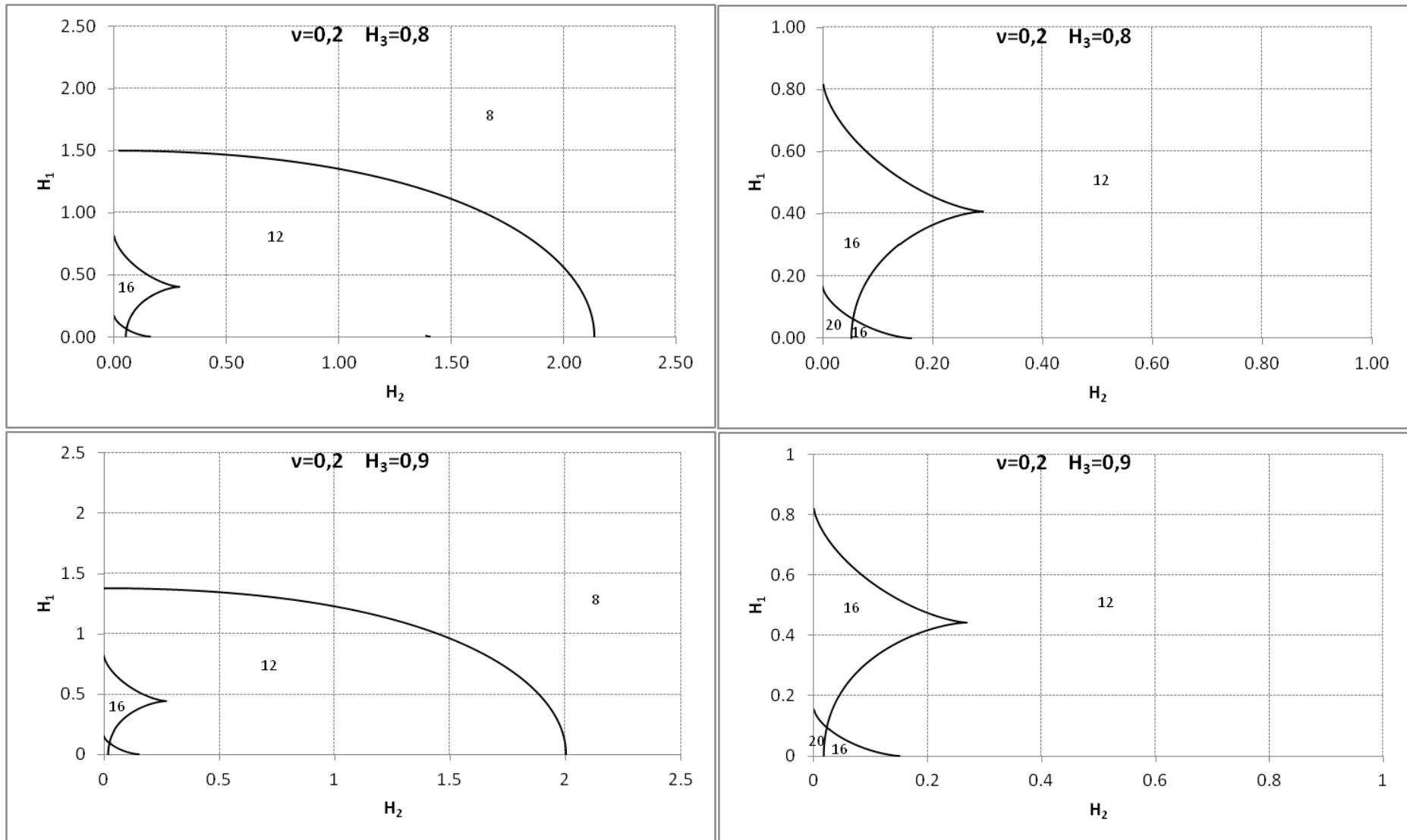


Figure C.22: Equilibria Pictures for $\nu=0.2$ and $H_3=0.8$ and $H_3=0.9$

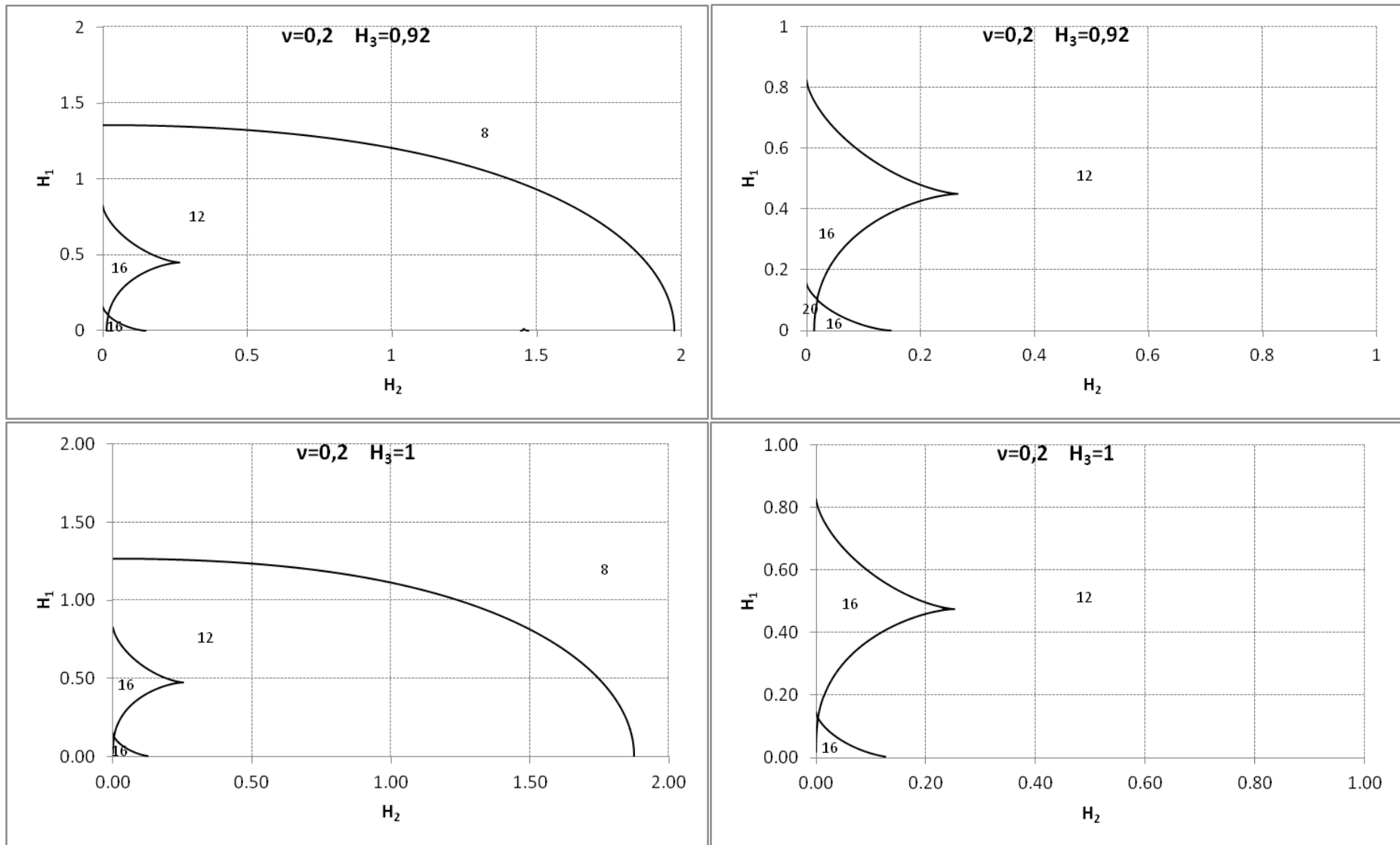


Figure C.23: Equilibria Pictures for $v=0.2$ and $H_3=0.92$ and $H_3=1$

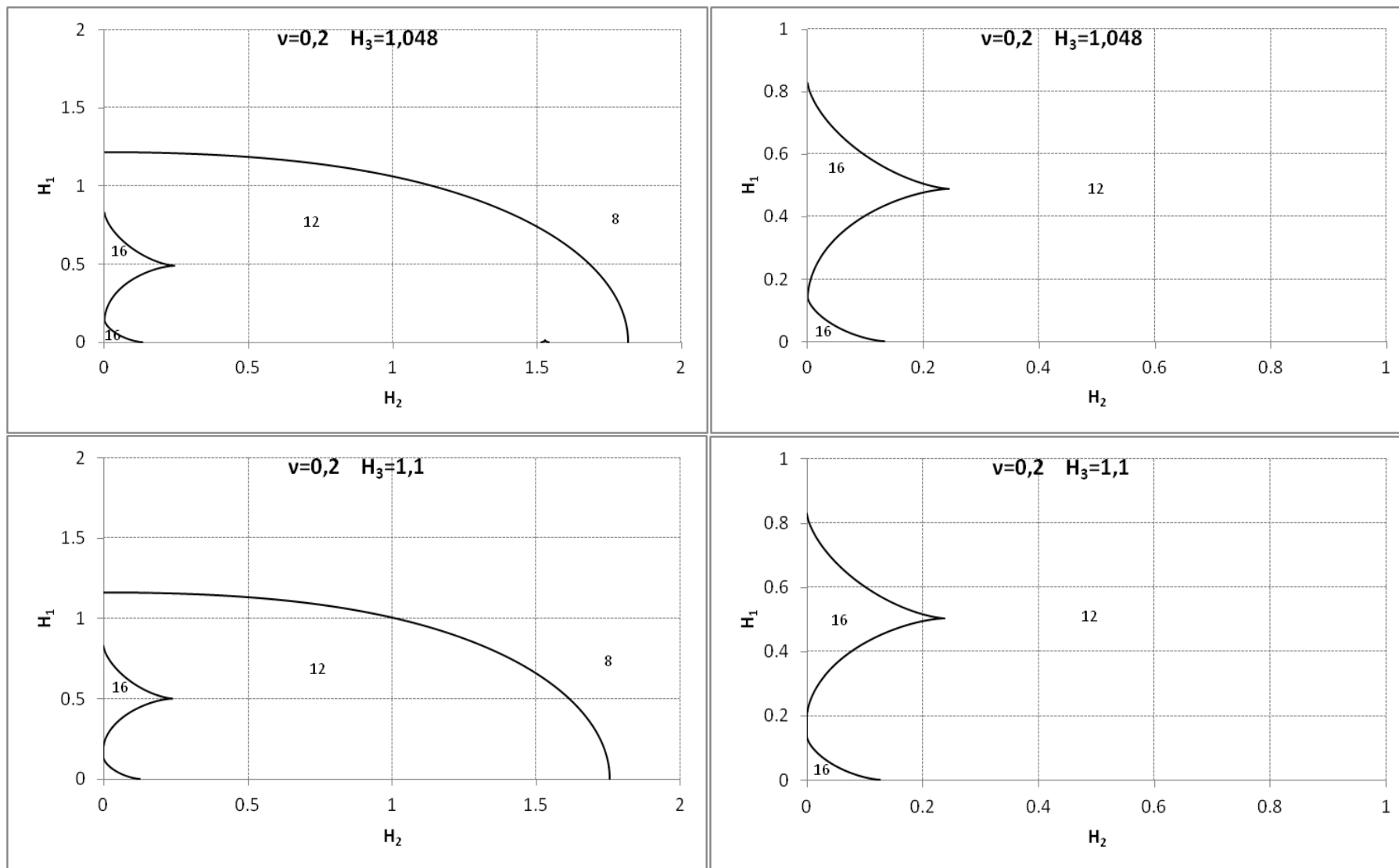


Figure C.24: Equilibria Pictures for $v=0.2$ and $H_3=1.048$ and $H_3=1.1$

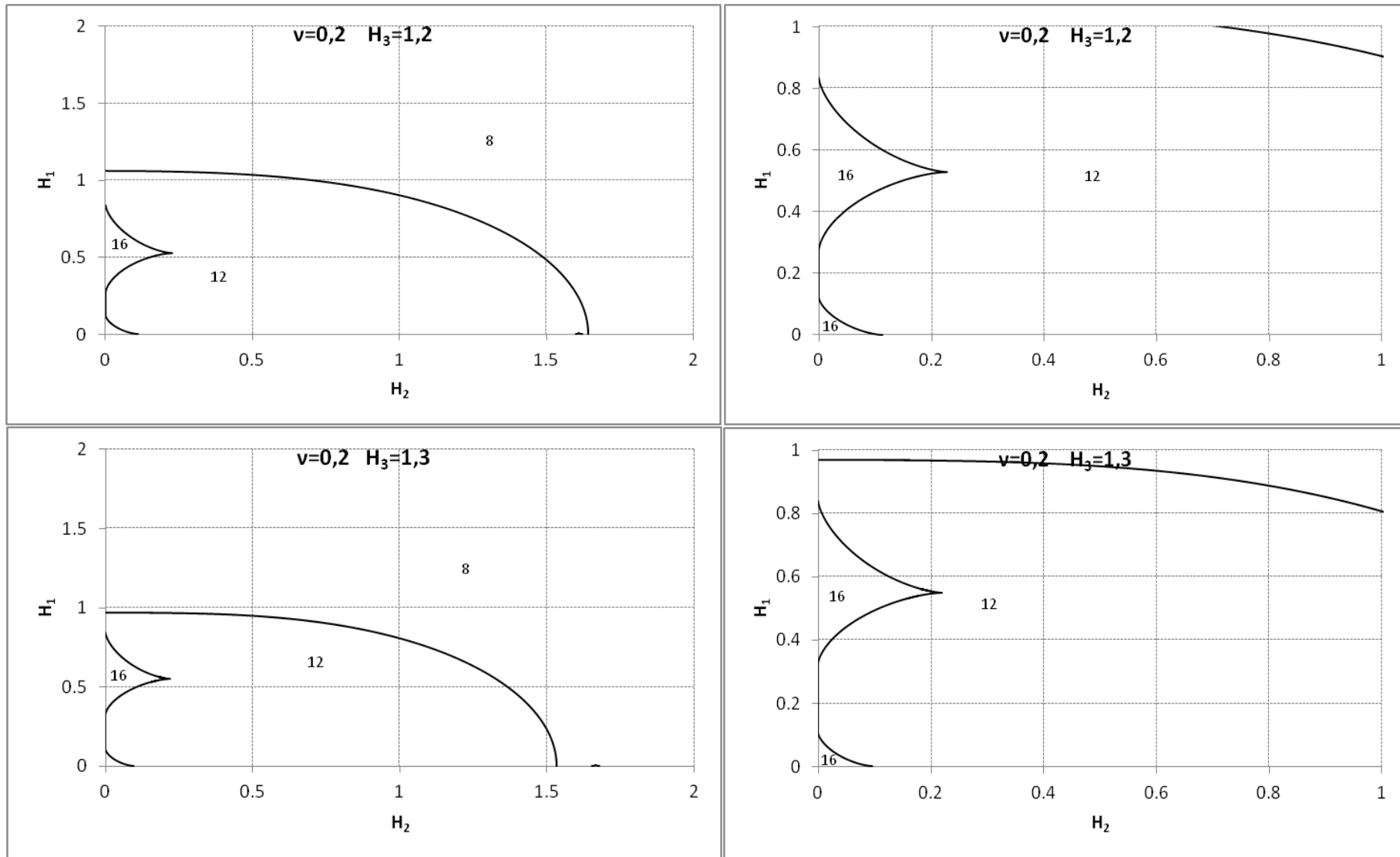


Figure C.25: Equilibria Pictures for $v=0.2$ and $H_3=1.2$ and $H_3=1.3$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

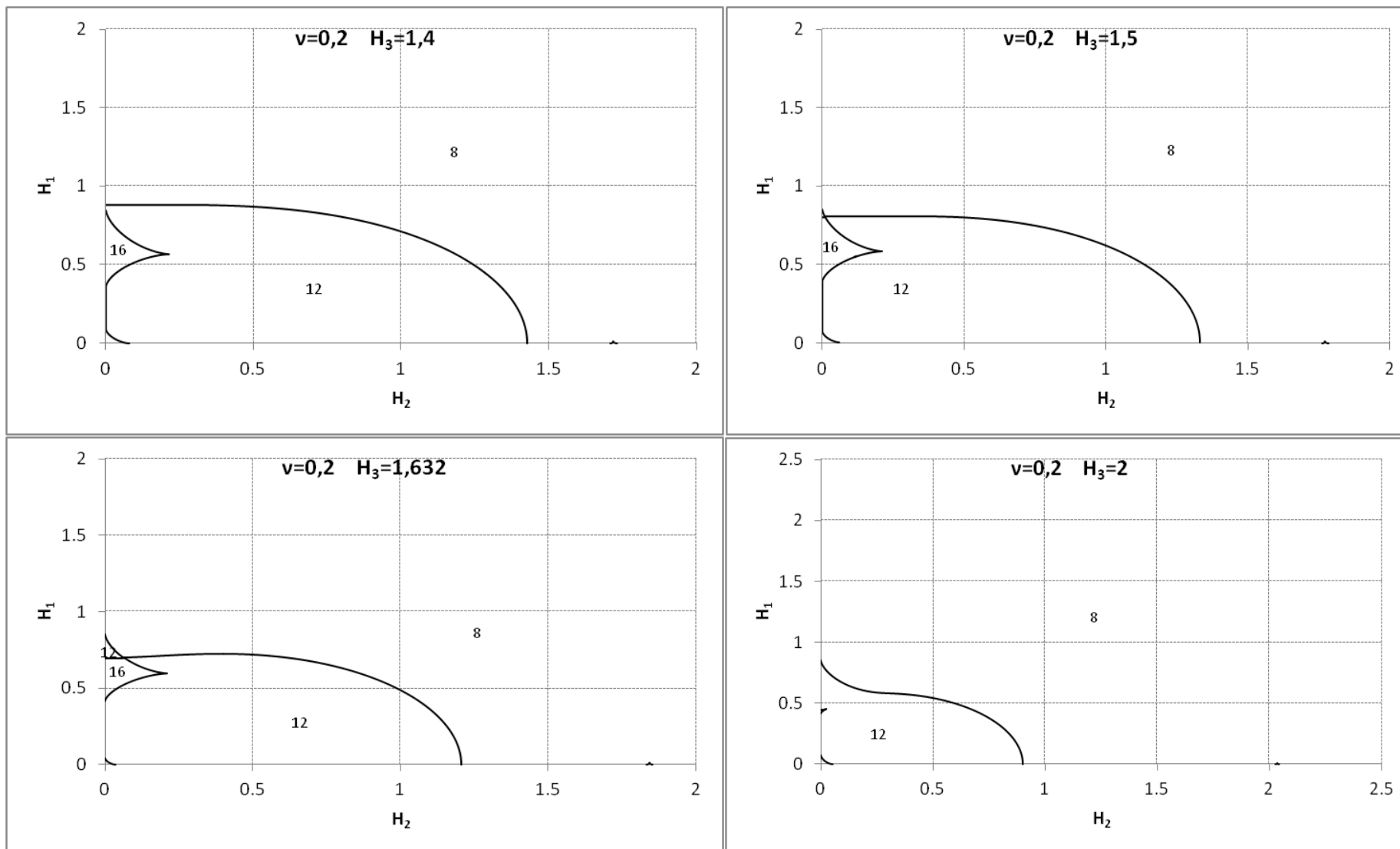


Figure C.26: Equilibria Pictures for $v=0,2$ and $H_3=1,4$, $H_3=1,5$, $H_3=1,632$ and $H_3=2$

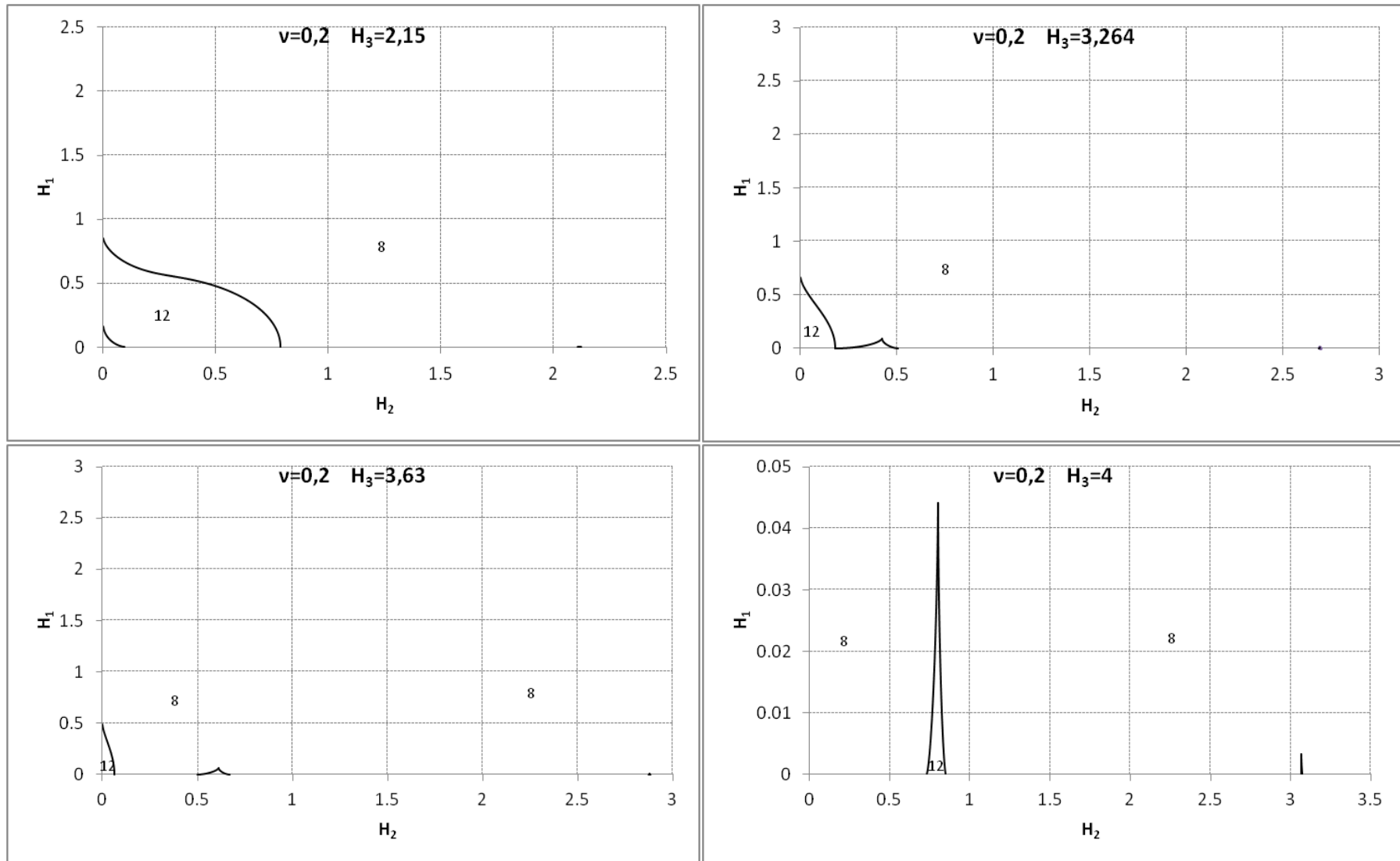


Figure C.27: Equilibria Pictures for $v=0,2$ and $H_3=2,15$, $H_3=3,264$, $H_3=3,63$ and $H_3=4$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

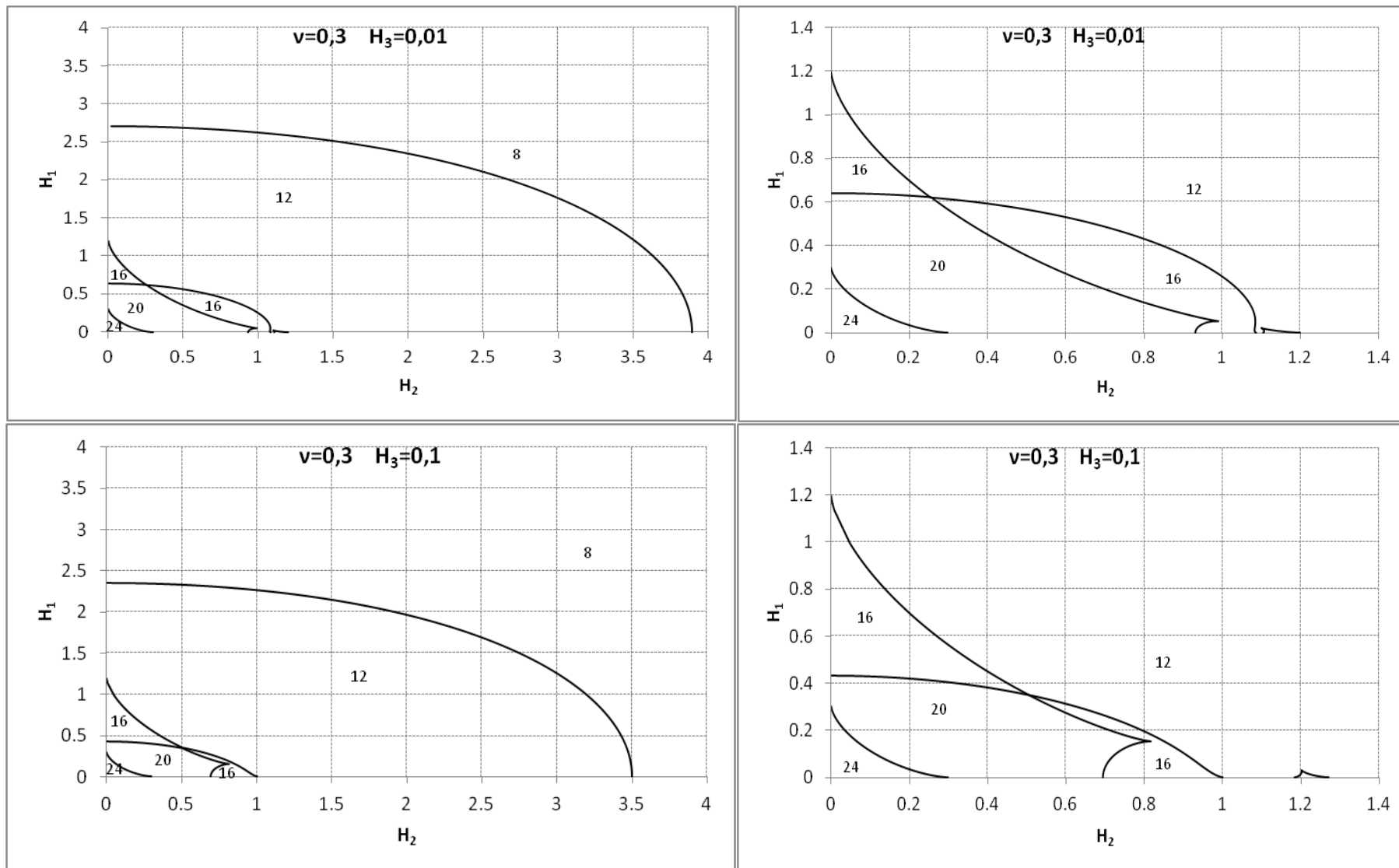


Figure C.28: Equilibria Pictures for $v=0.3$ and $H_3=0.01$ and $H_3=0.1$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

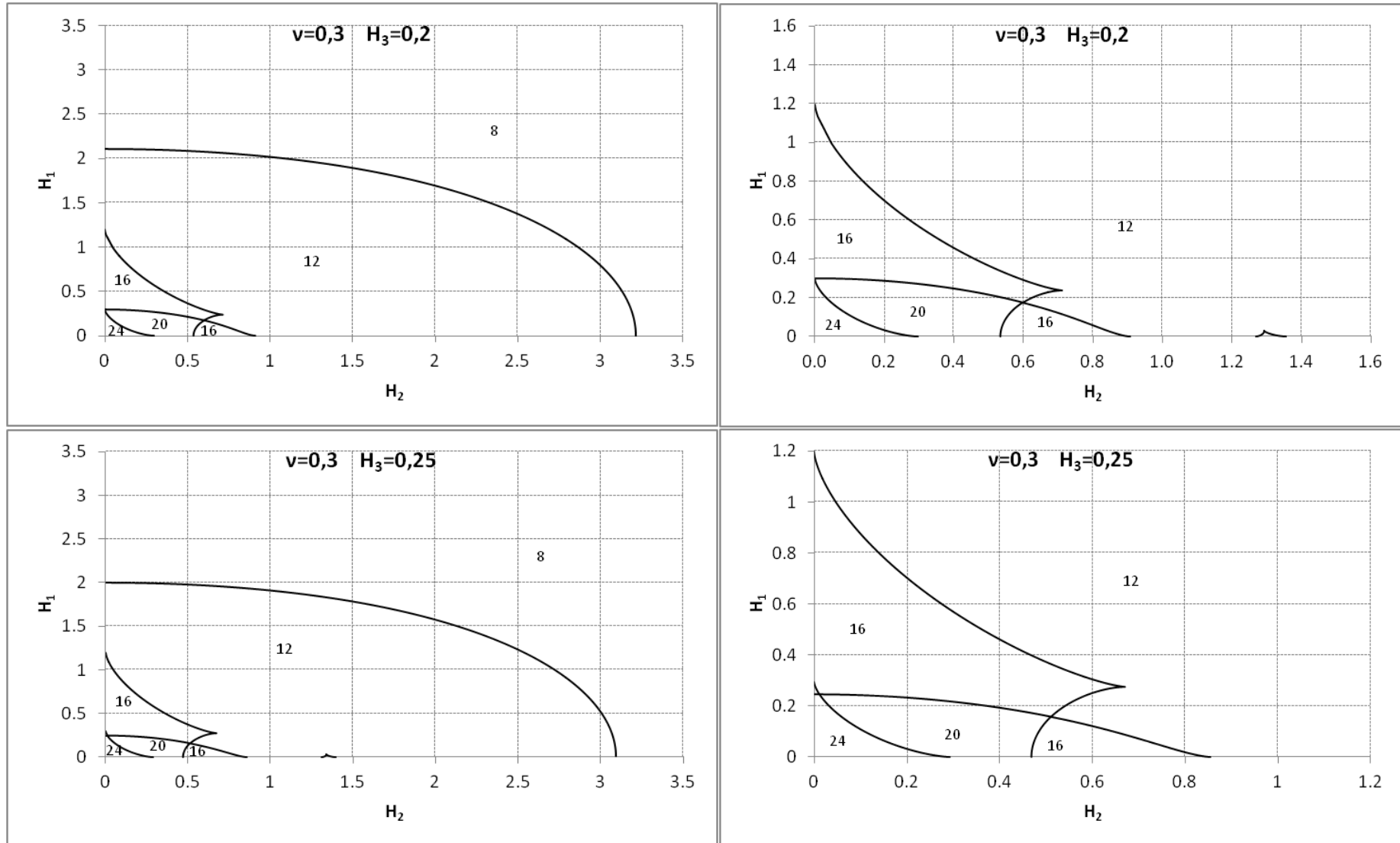


Figure C.29: Equilibria Pictures for $v=0.3$ and $H_3=0.2$ and $H_3=0.25$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

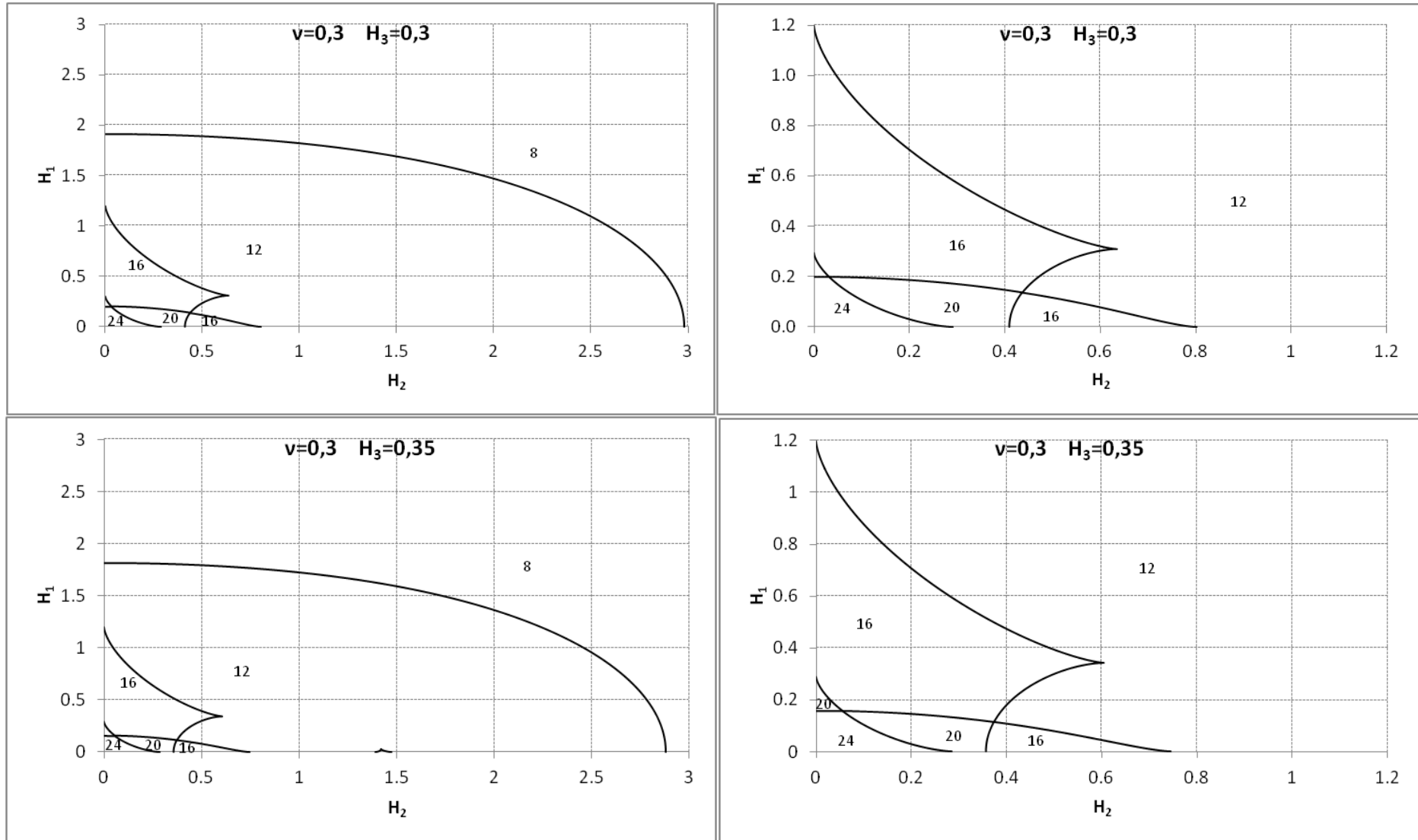


Figure C.30: Equilibria Pictures for $v=0.3$ and $H_3=0.3$ and $H_3=0.35$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

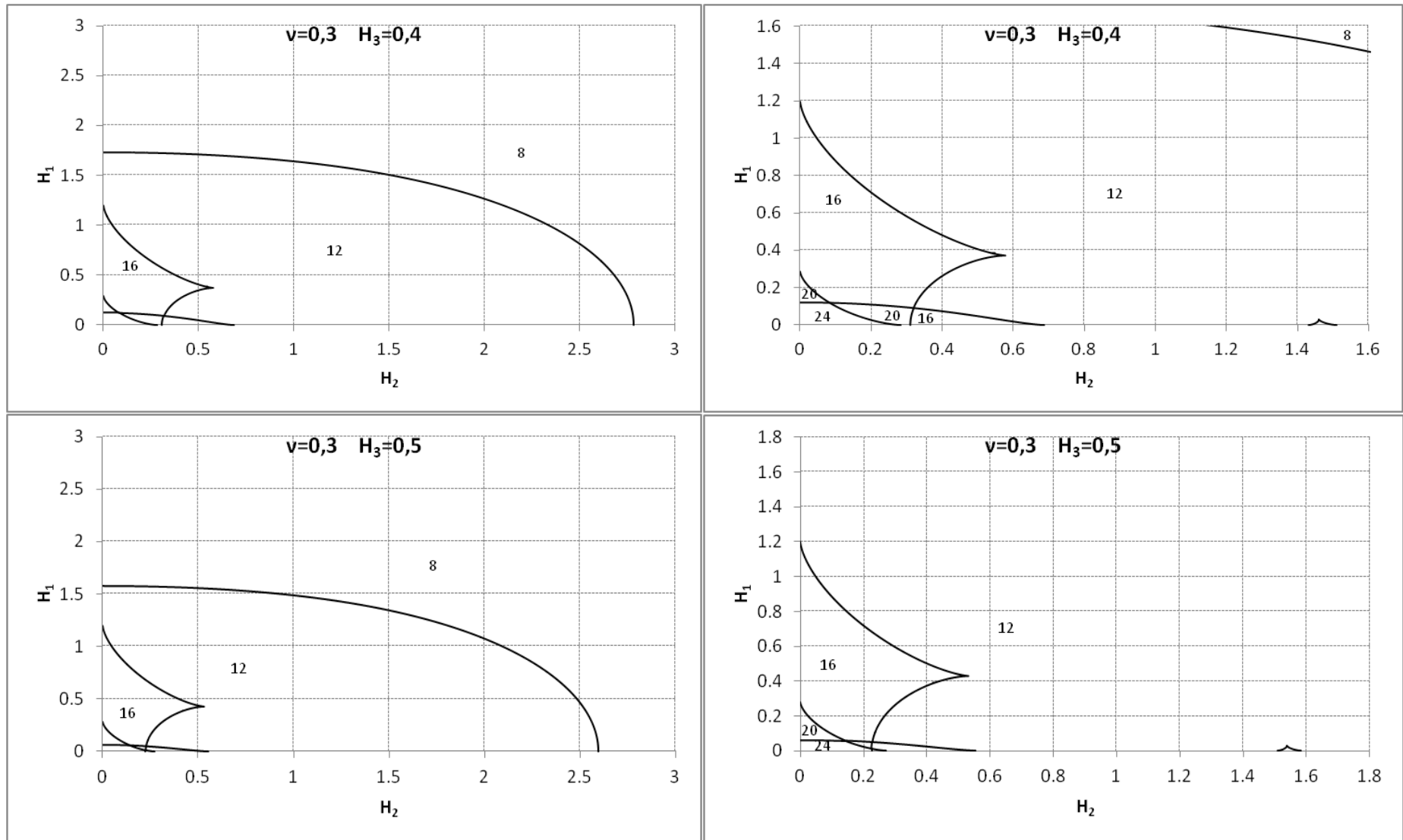


Figure C.31: Equilibria Pictures for $\nu=0.3$ and $H_3=0.4$ and $H_3=0.5$

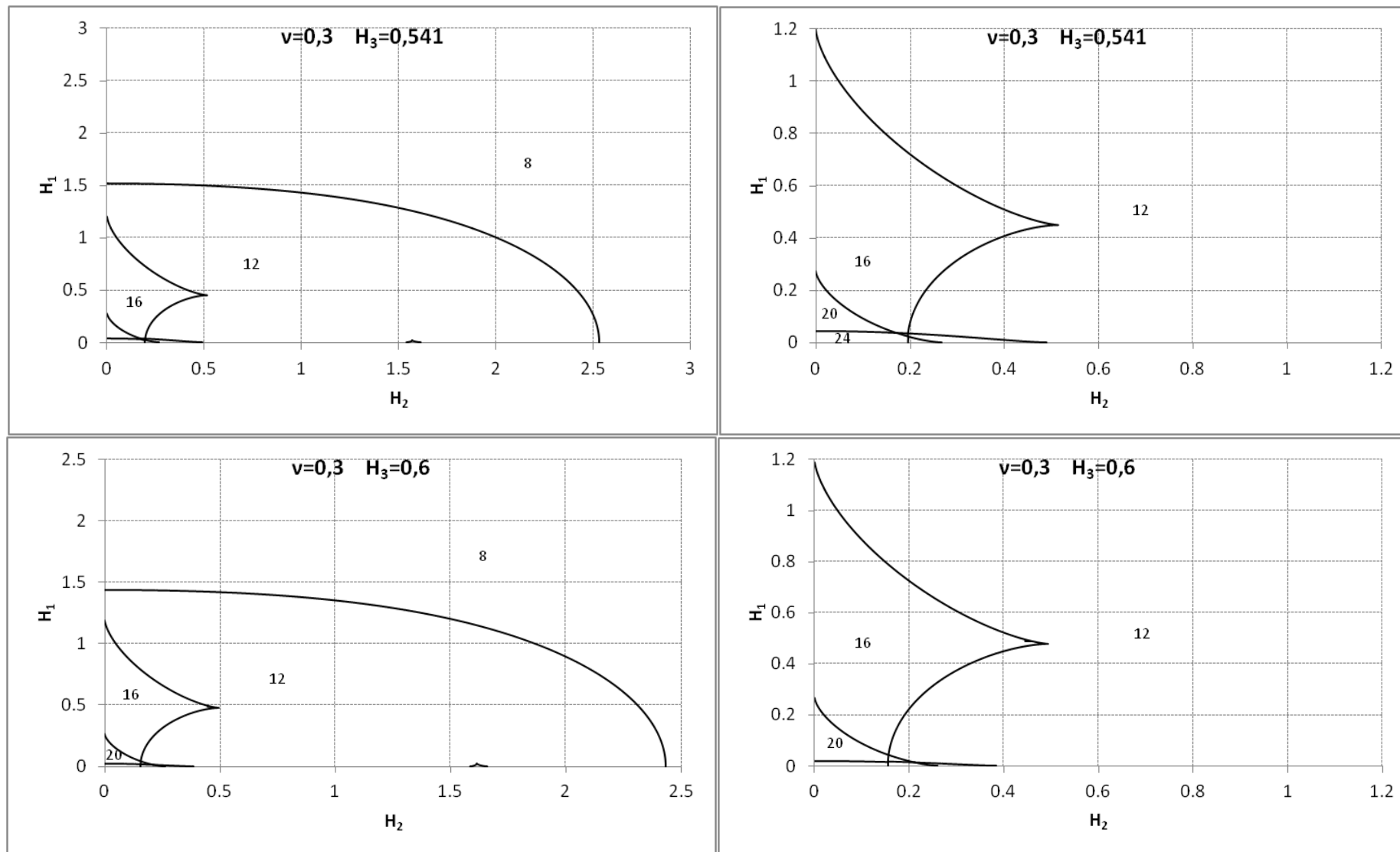


Figure C.32: Equilibria Pictures for $v=0.3$ and $H_3=0.541$ and $H_3=0.6$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

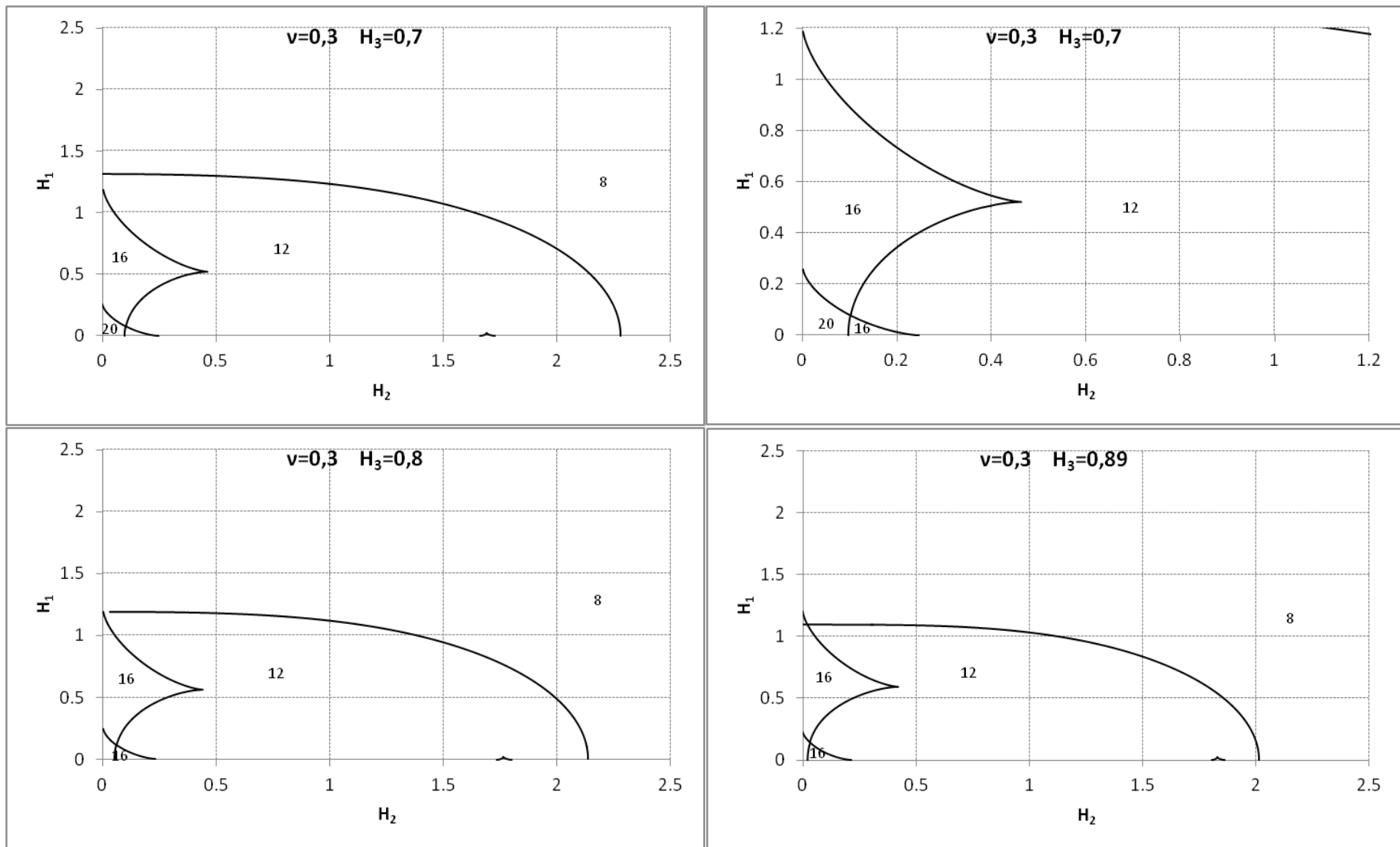


Figure C.33: Equilibria Pictures for $v=0.3$ and $H_3=0.7$, $H_3=0.8$ and $H_3=0.89$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

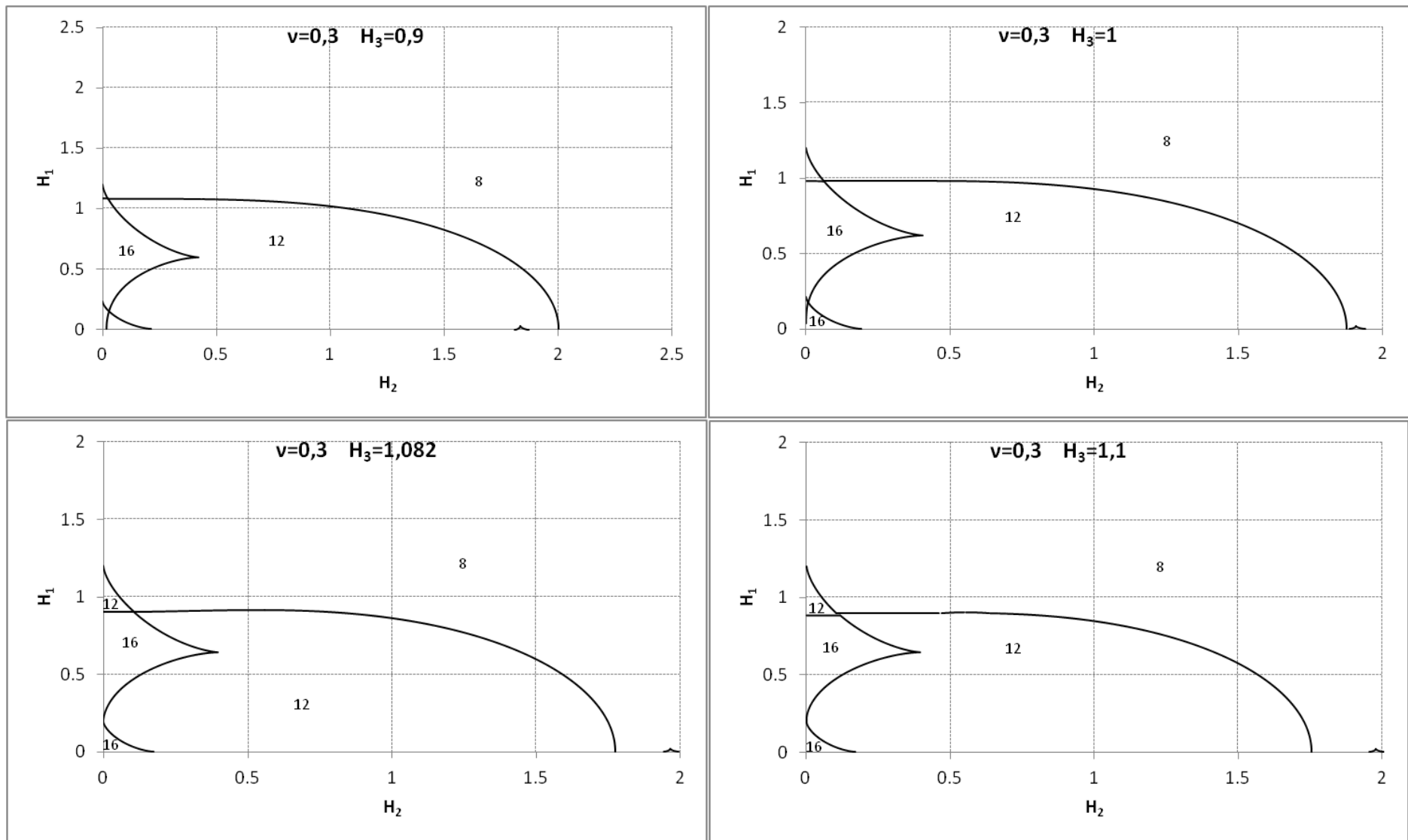


Figure C.34: Equilibria Pictures for $v=0.3$ and $H_3=0.9$, $H_3=1$, $H_3=1,082$ and $H_3=1,1$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

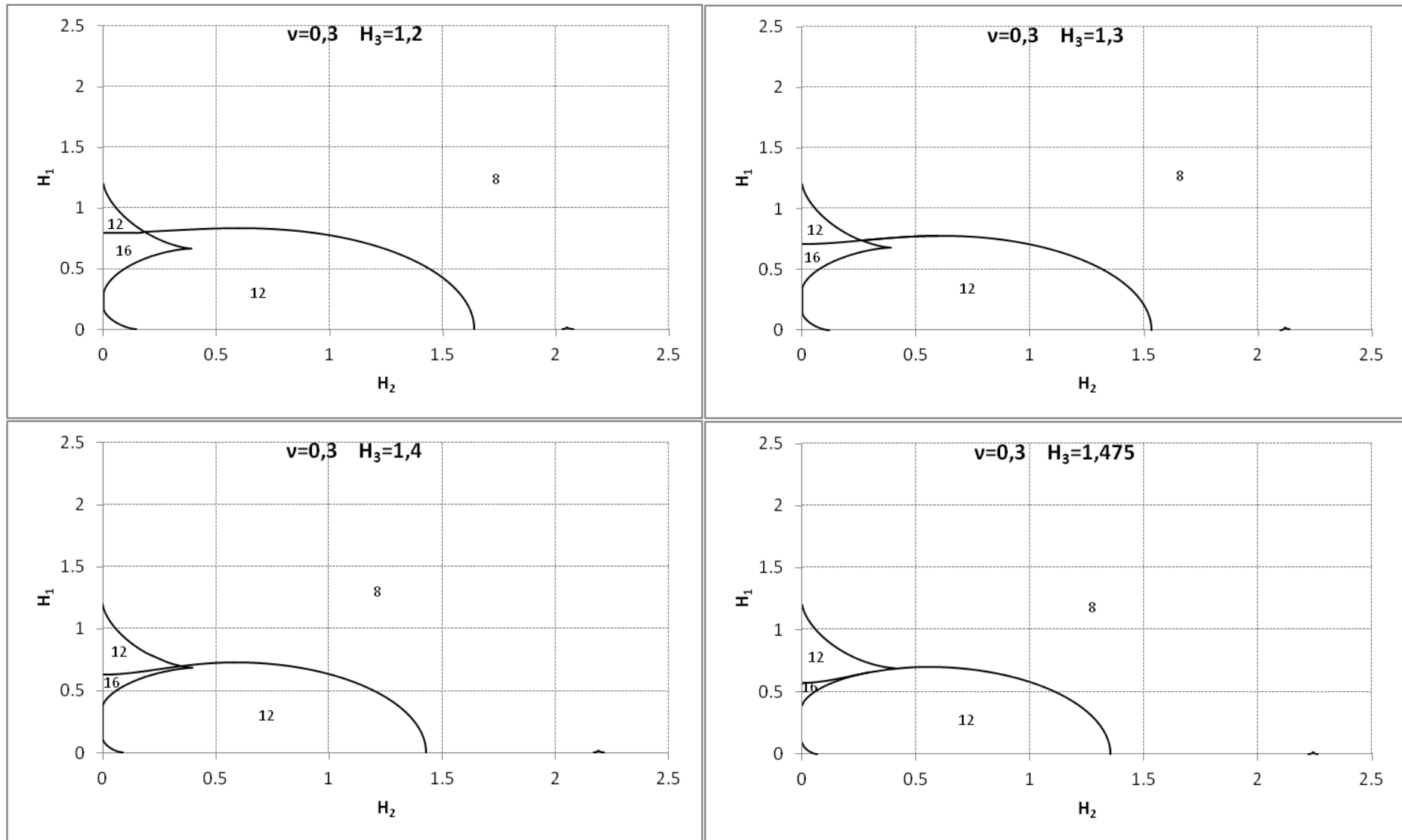


Figure C.35: Equilibria Pictures for $v=0,3$ and $H_3=1,2$, $H_3=1,3$, $H_3=1,4$ and $H_3=1,475$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

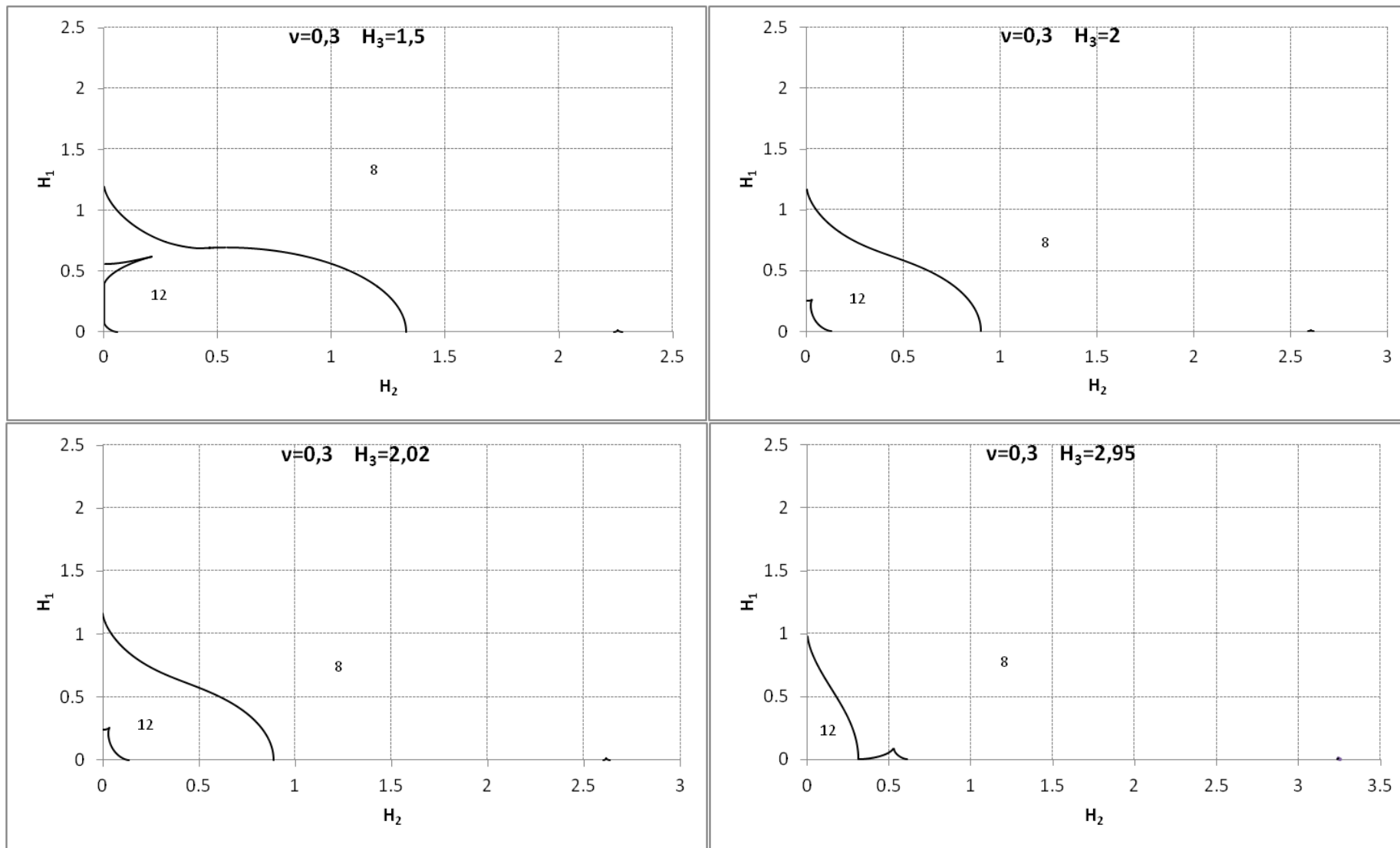


Figure C.36: Equilibria Pictures for $v=0.3$ and $H_3=1.5$, $H_3=2$, $H_3=2.02$ and $H_3=2.95$

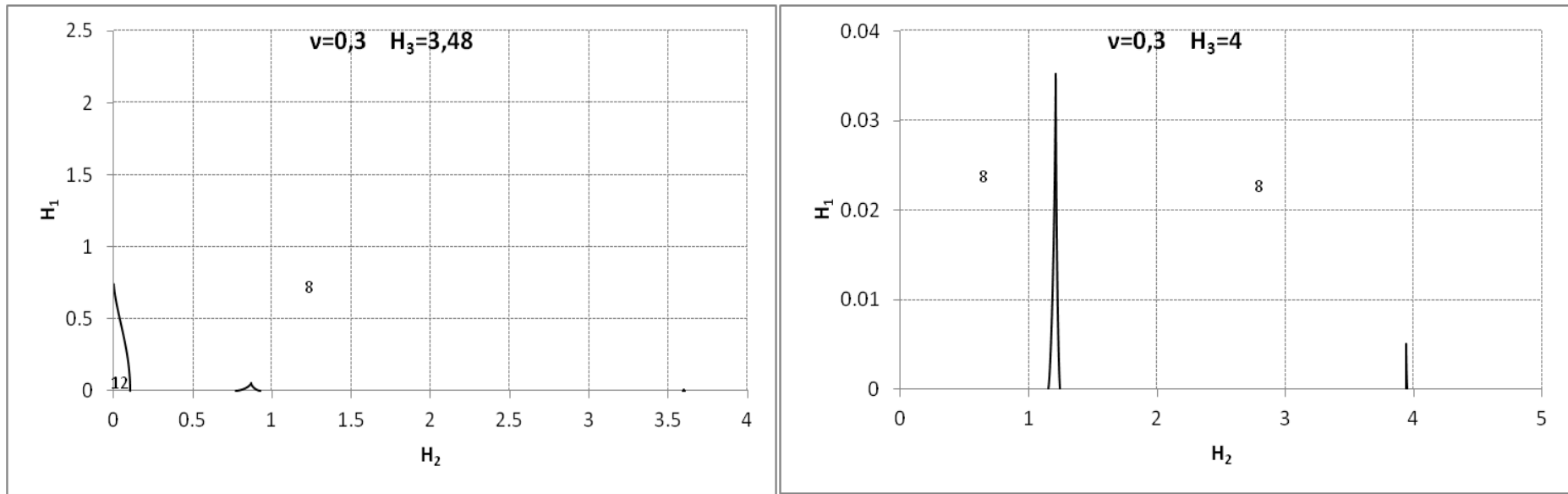


Figure C.37: Equilibria Pictures for $\nu=0.3$ and $H_3=3.48$ and $H_3=4$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

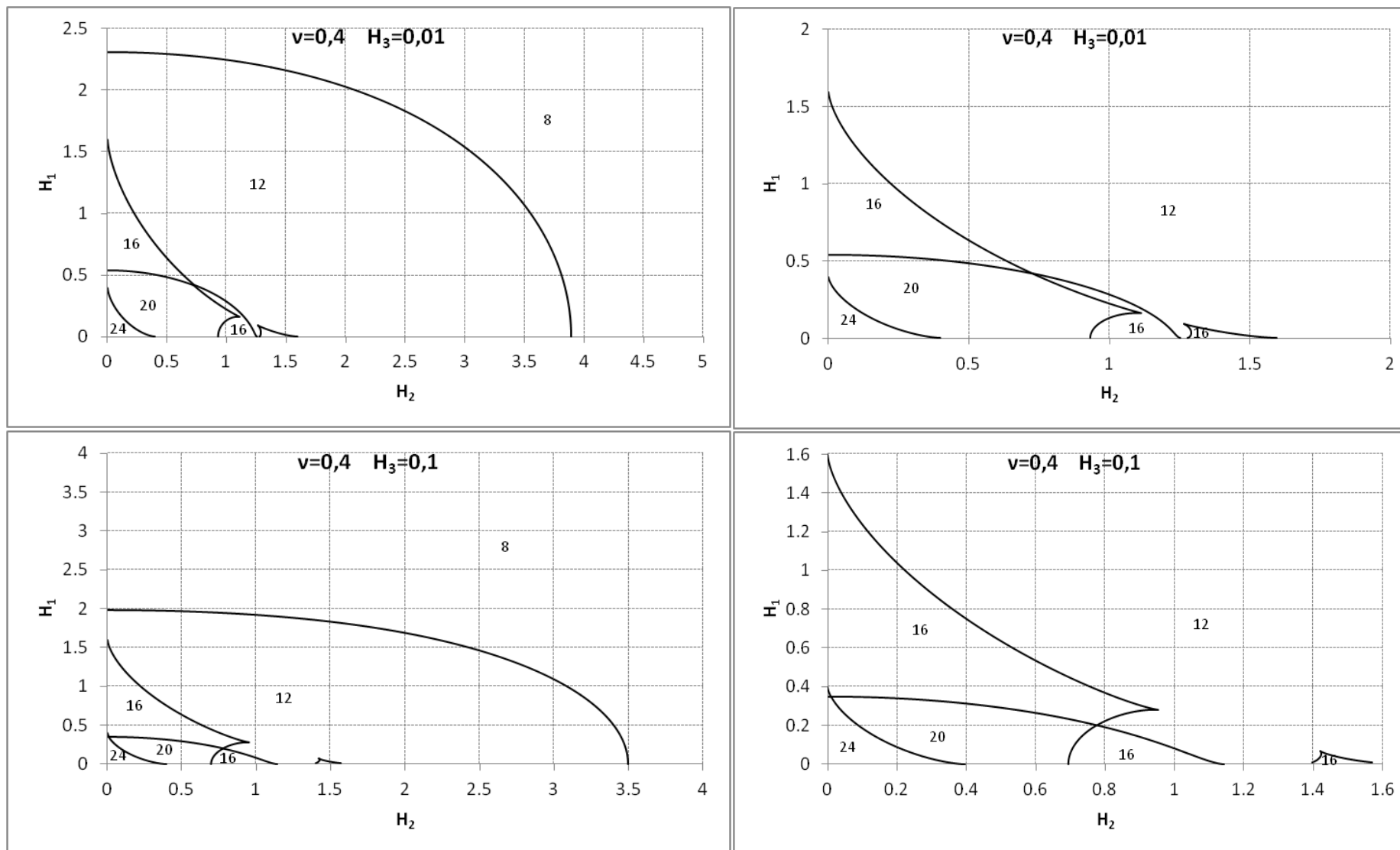


Figure C.38: Equilibria Pictures for $v=0.4$ and $H_3=0.01$ and $H_3=0.1$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

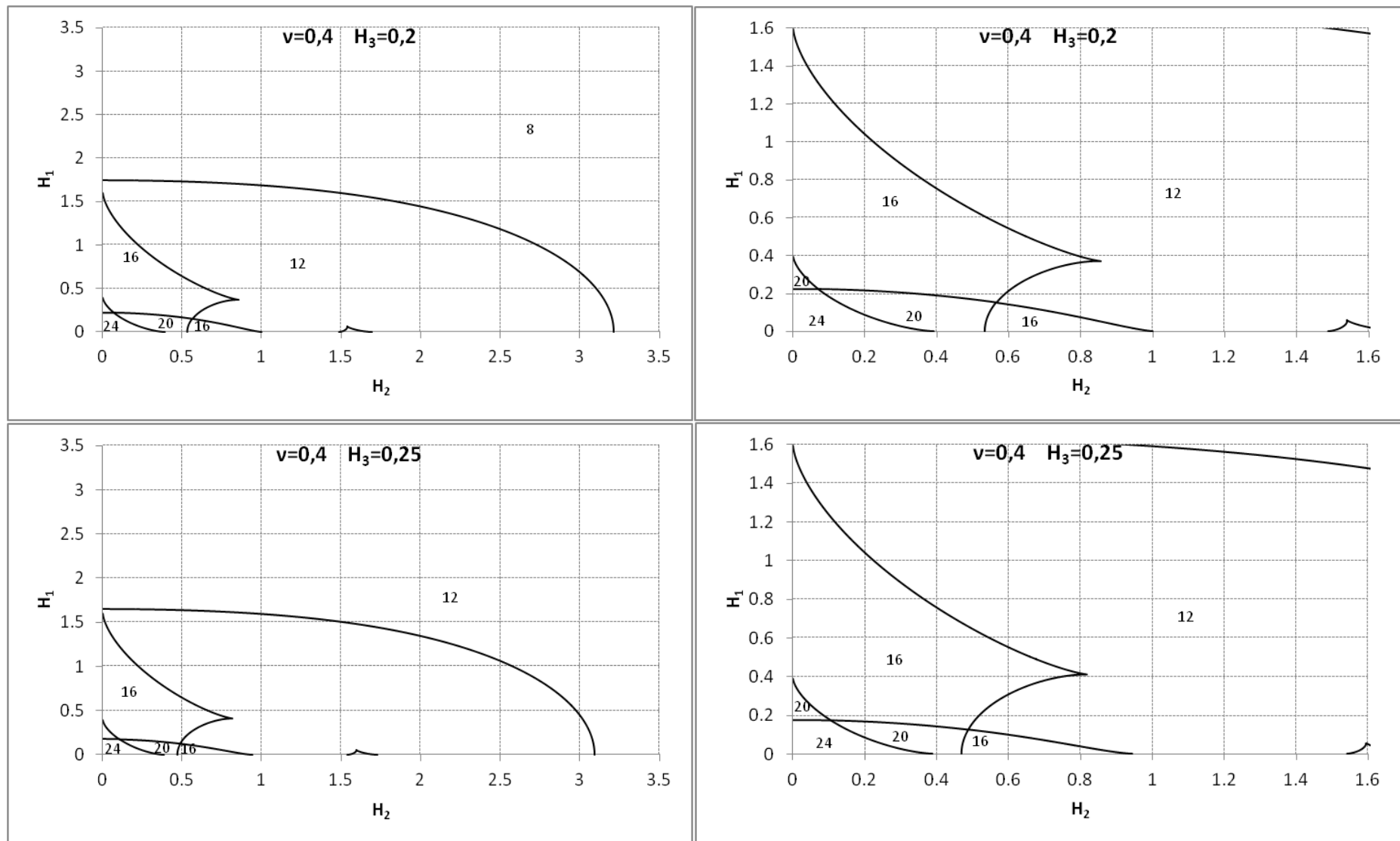


Figure C.39: Equilibria Pictures for $v=0.4$ and $H_3=0.2$ and $H_3=0.25$

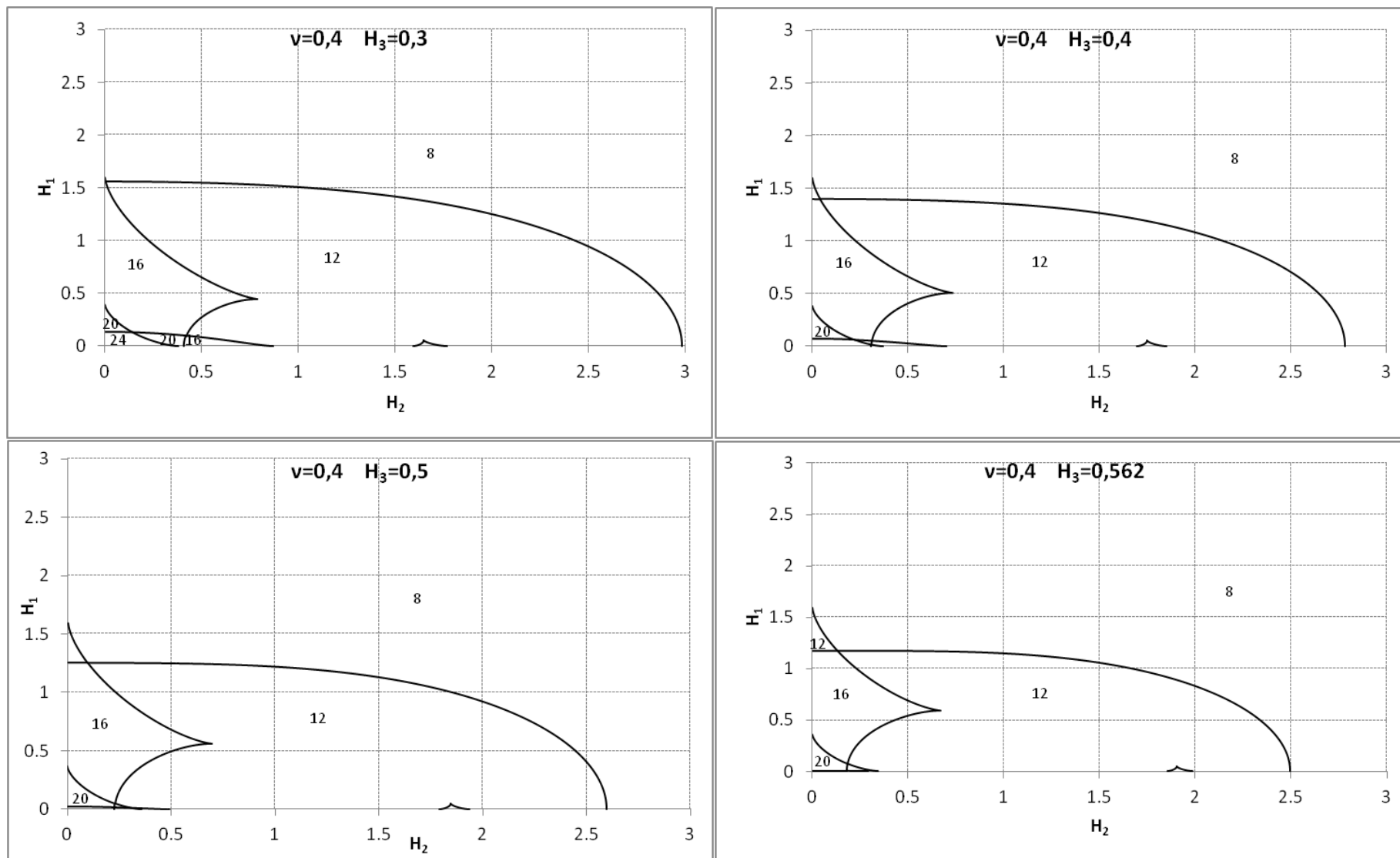


Figure C.40: Equilibria Pictures for $v=0.4$ and $H_3=0.3, H_3=0.4, H_3=0.5$ and $H_3=0.562$

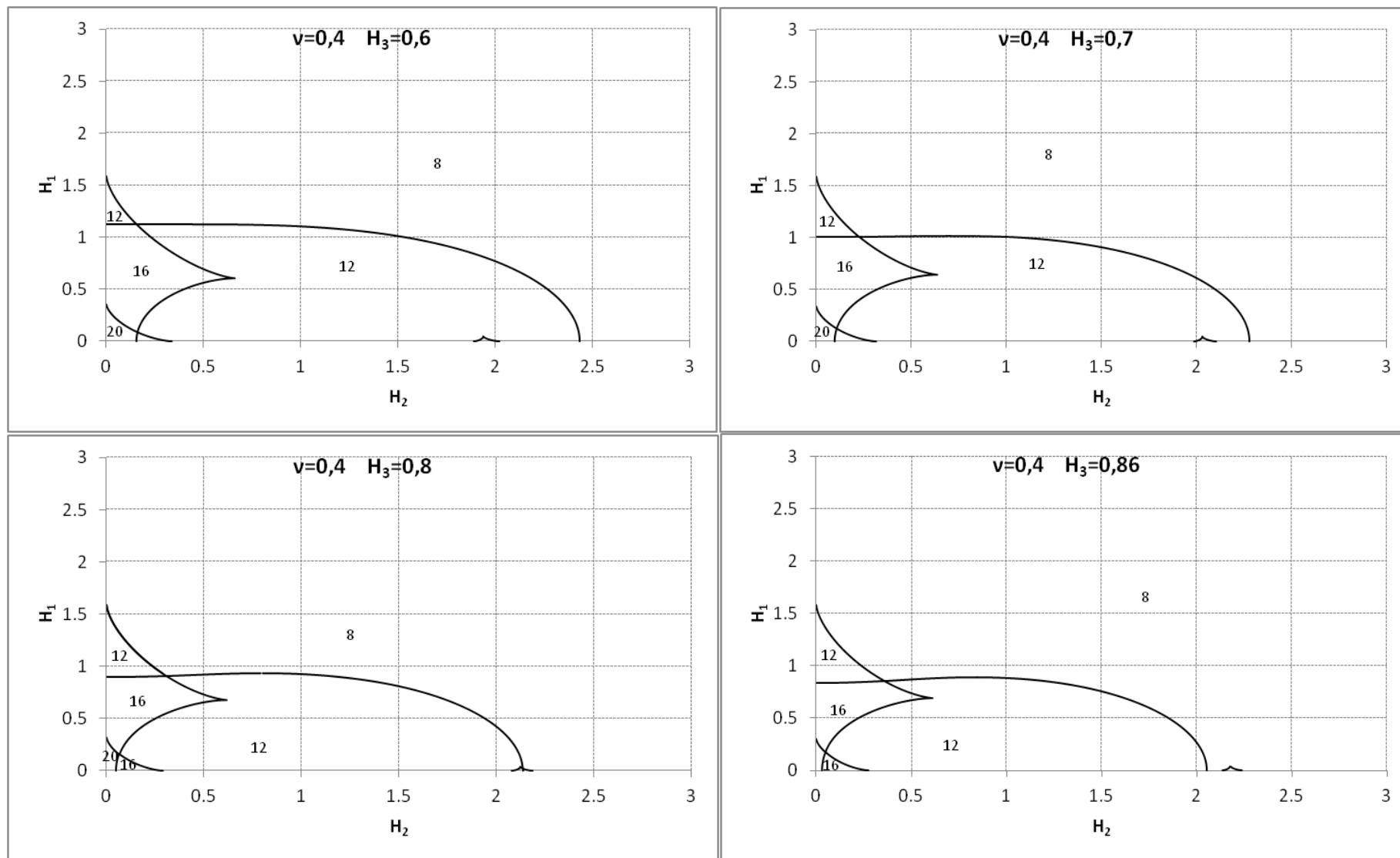


Figure C.41: Equilibria Pictures for $\nu=0.4$ and $H_3=0.6$, $H_3=0.7$, $H_3=0.8$ and $H_3=0.86$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

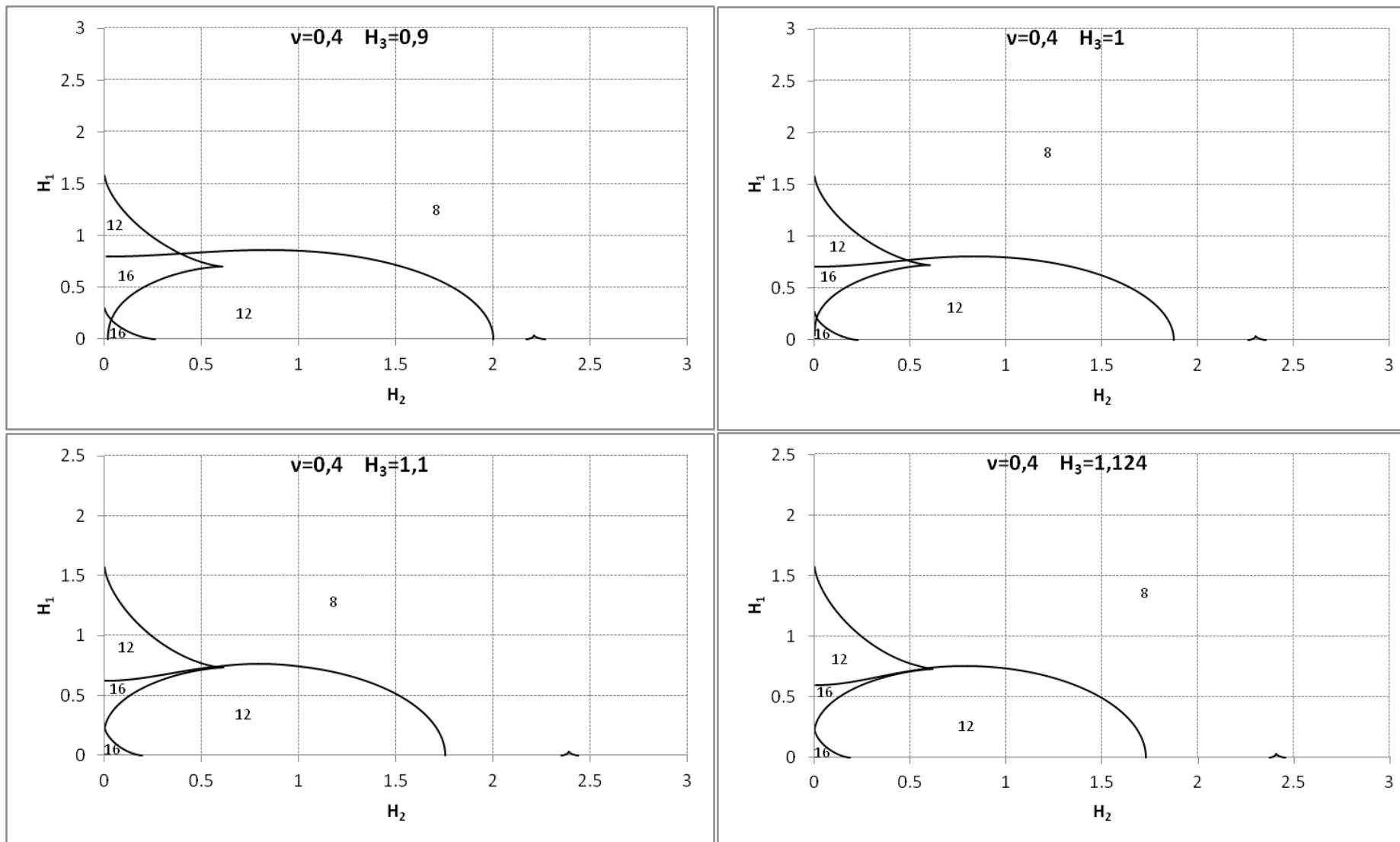


Figure C.42: Equilibria Pictures for $v=0.4$ and $H_3=0.9$, $H_3=1$, $H_3=1.1$ and $H_3=1.124$

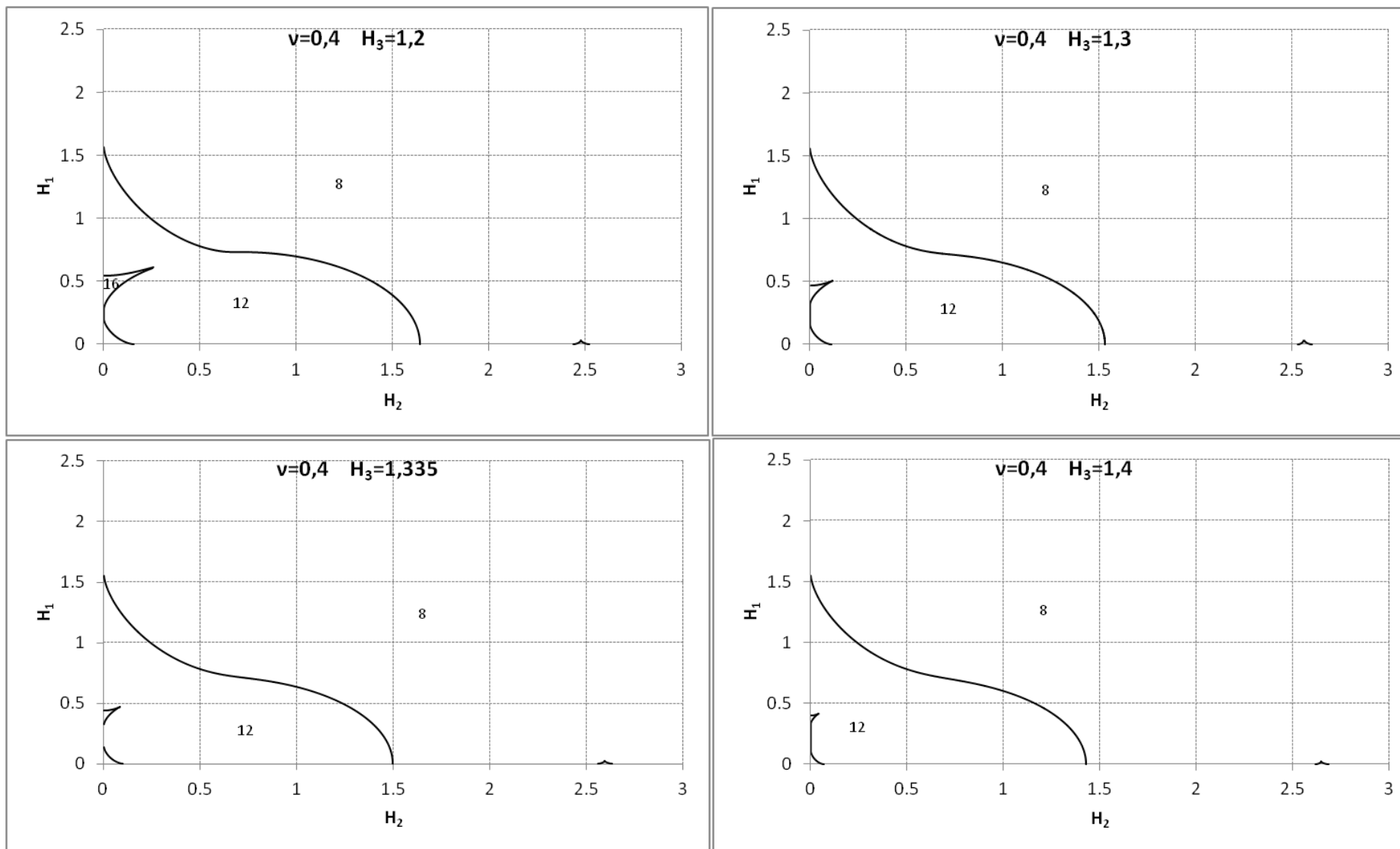


Figure C.43: Equilibria Pictures for $v=0.4$ and $H_3=1.2$, $H_3=1.3$, $H_3=1.335$ and $H_3=1.4$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

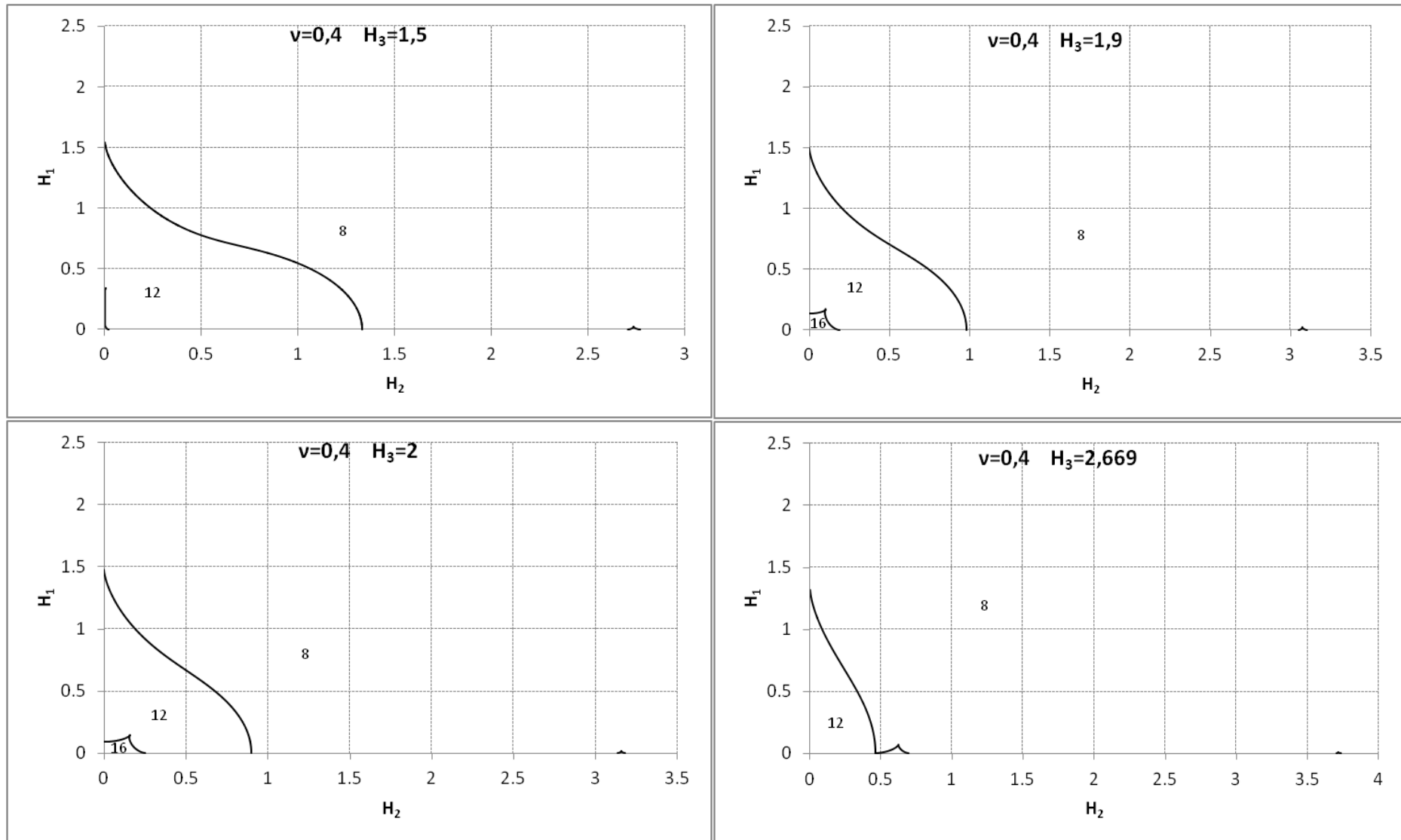


Figure C.44: Equilibria Pictures for $v=0.4$ and $H_3=1.5$, $H_3=1.9$, $H_3=2$ and $H_3=2.669$

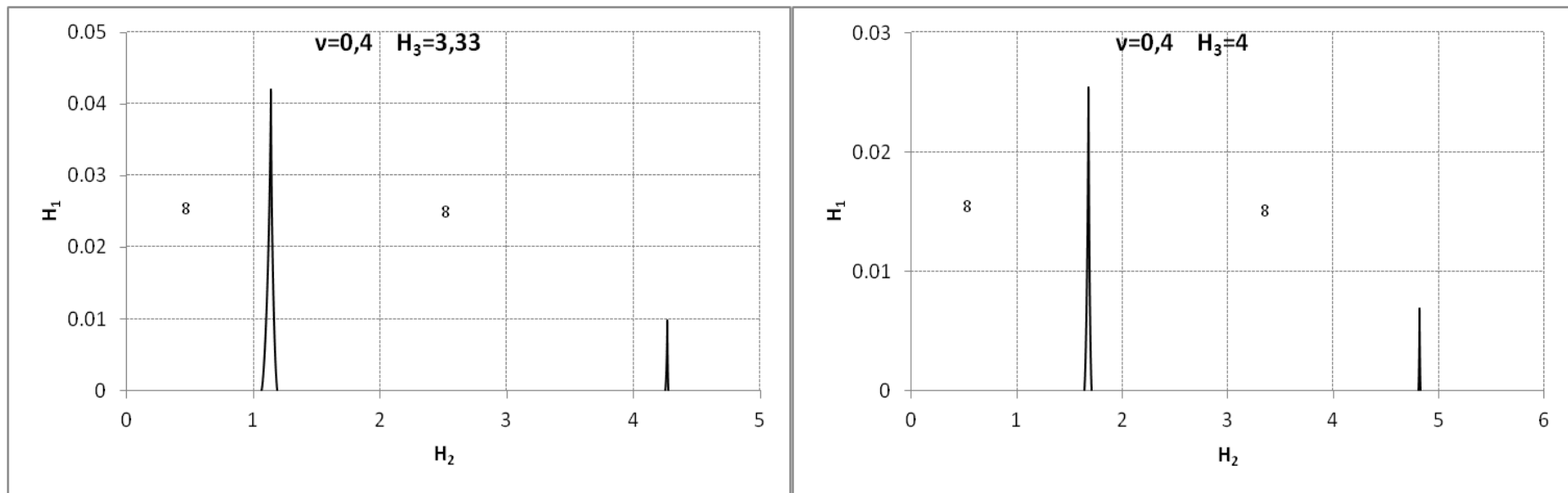


Figure C.45: Equilibria Pictures for $v=0.4$ and $H_3=3.3$ and $H_3=4$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

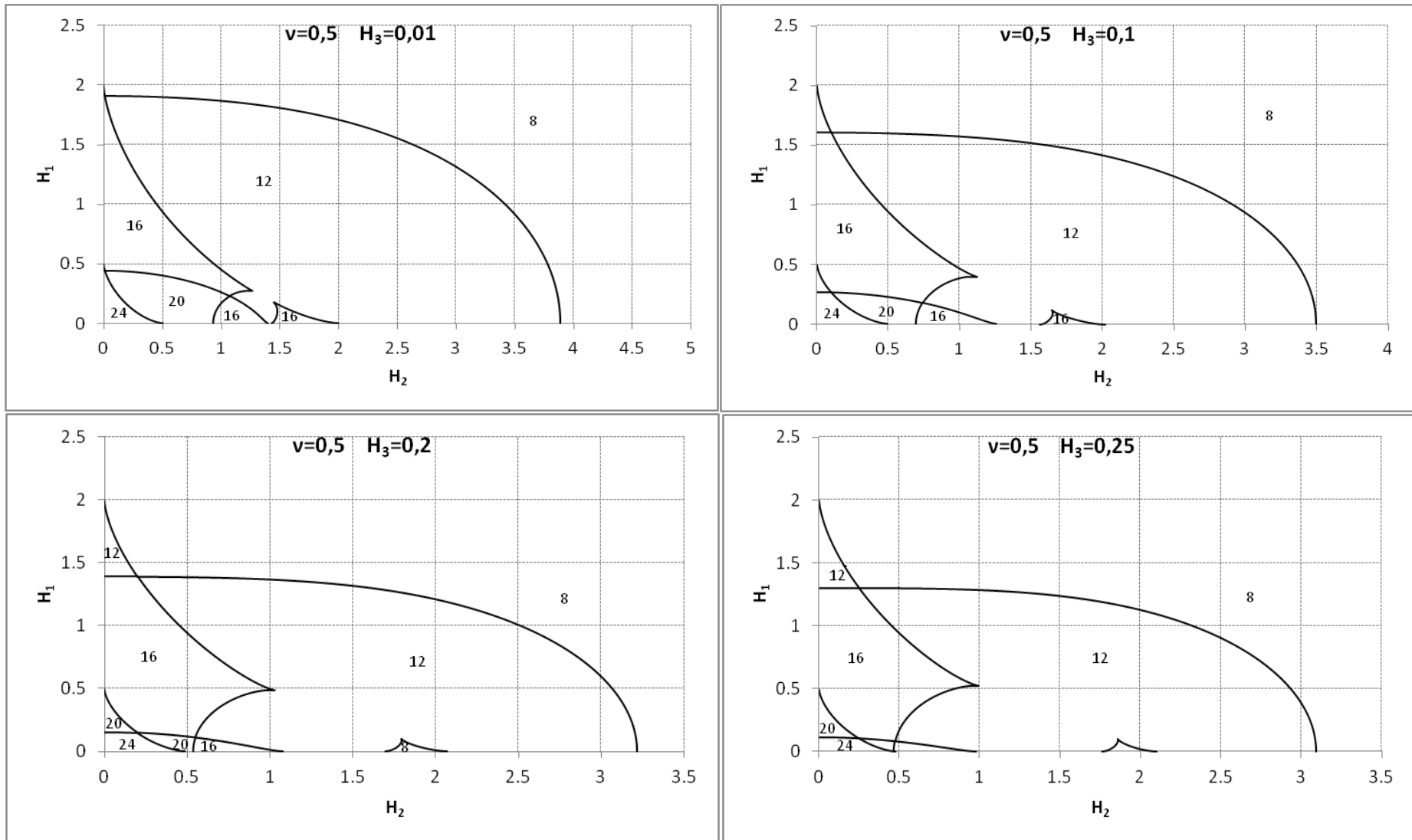


Figure C.46: Equilibria Pictures for $v=0.5$ and $H_3=0.01$, $H_3=0.1$, $H_3=0.2$ and $H_3=0.25$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

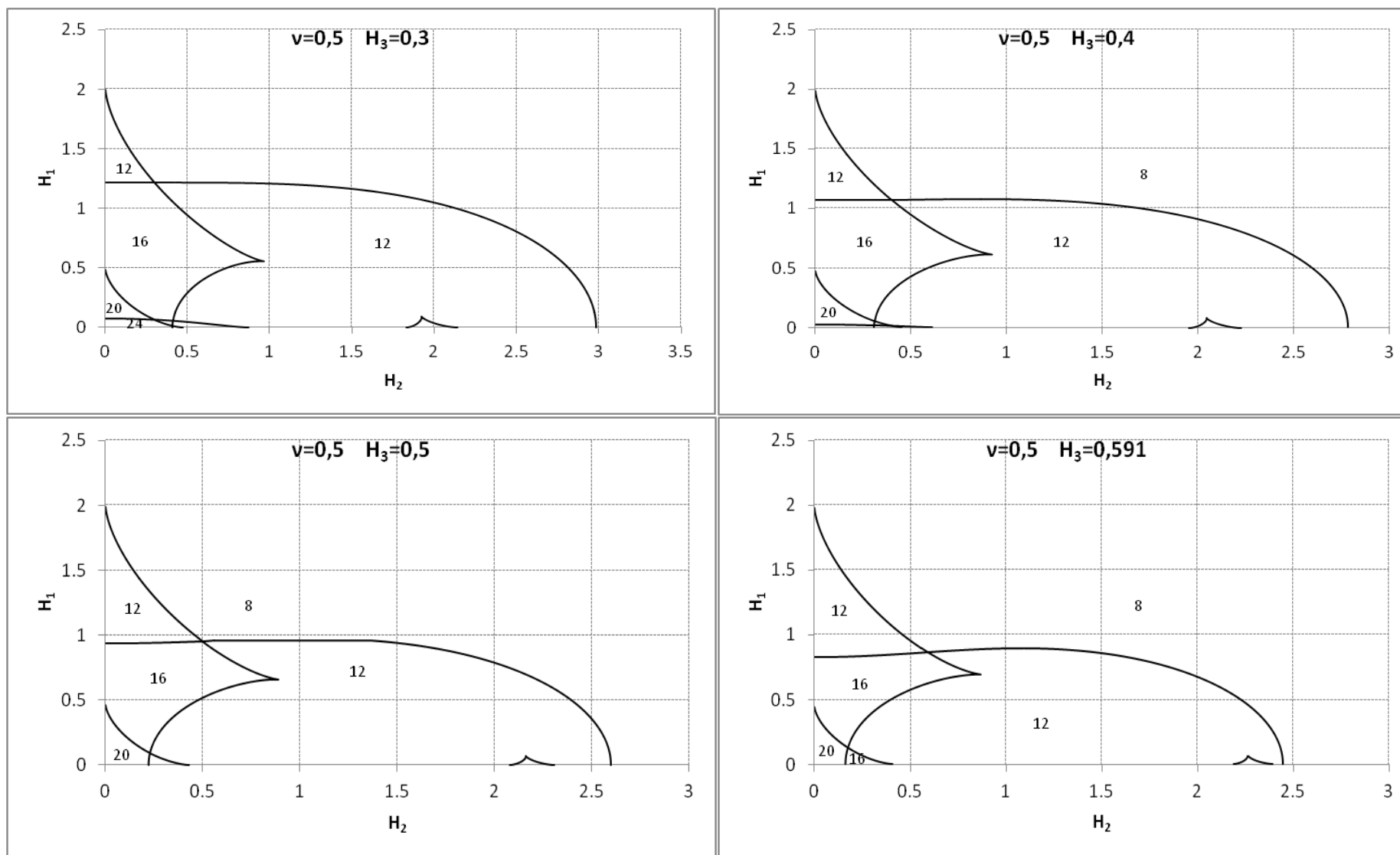


Figure C.47: Equilibria Pictures for $v=0.5$ and $H_3=0.3$, $H_3=0.4$, $H_3=0.5$ and $H_3=0.591$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

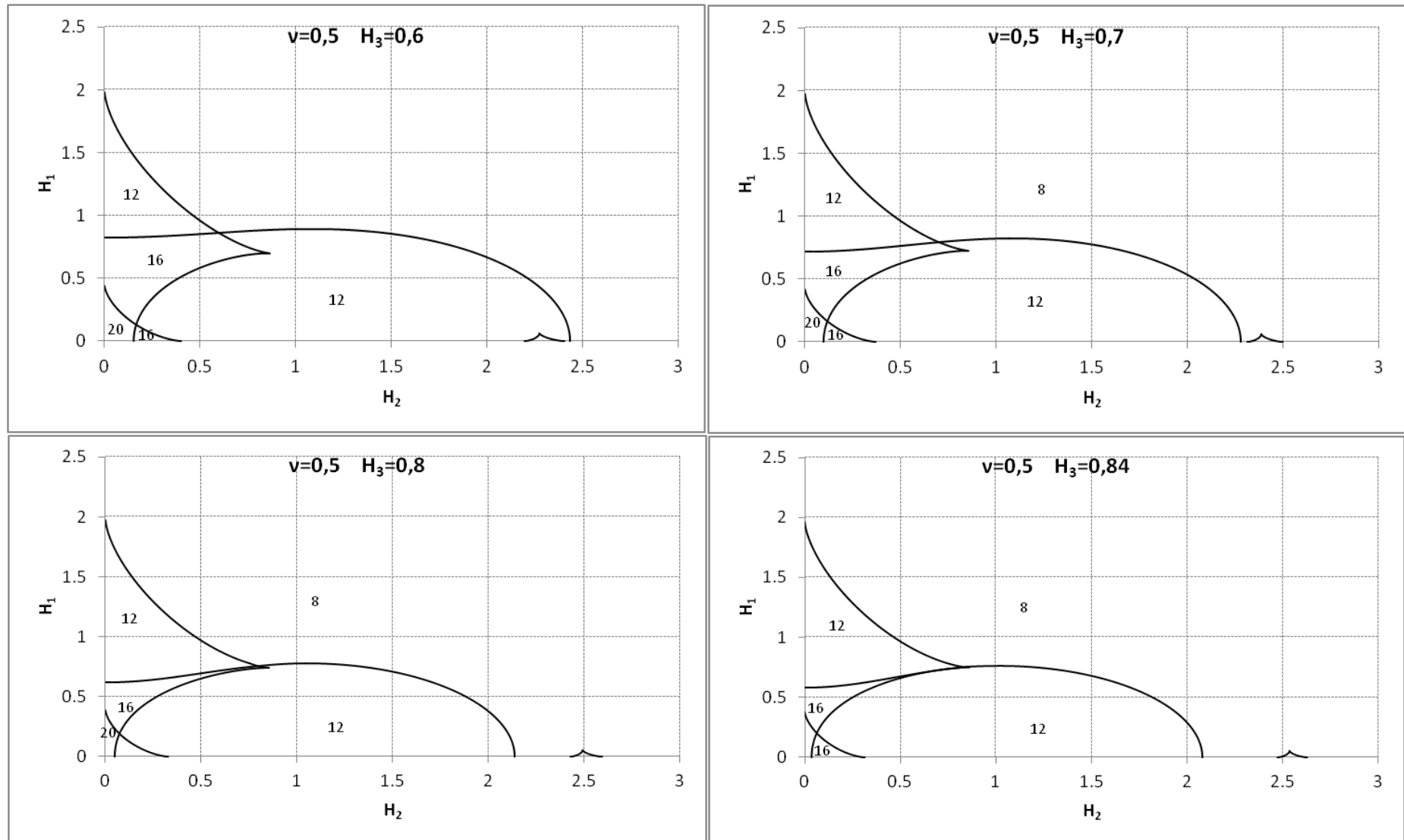


Figure C.48: Equilibria Pictures for $\nu=0.5$ and $H_3=0.6$, $H_3=0.7$, $H_3=0.8$ and $H_3=0.84$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

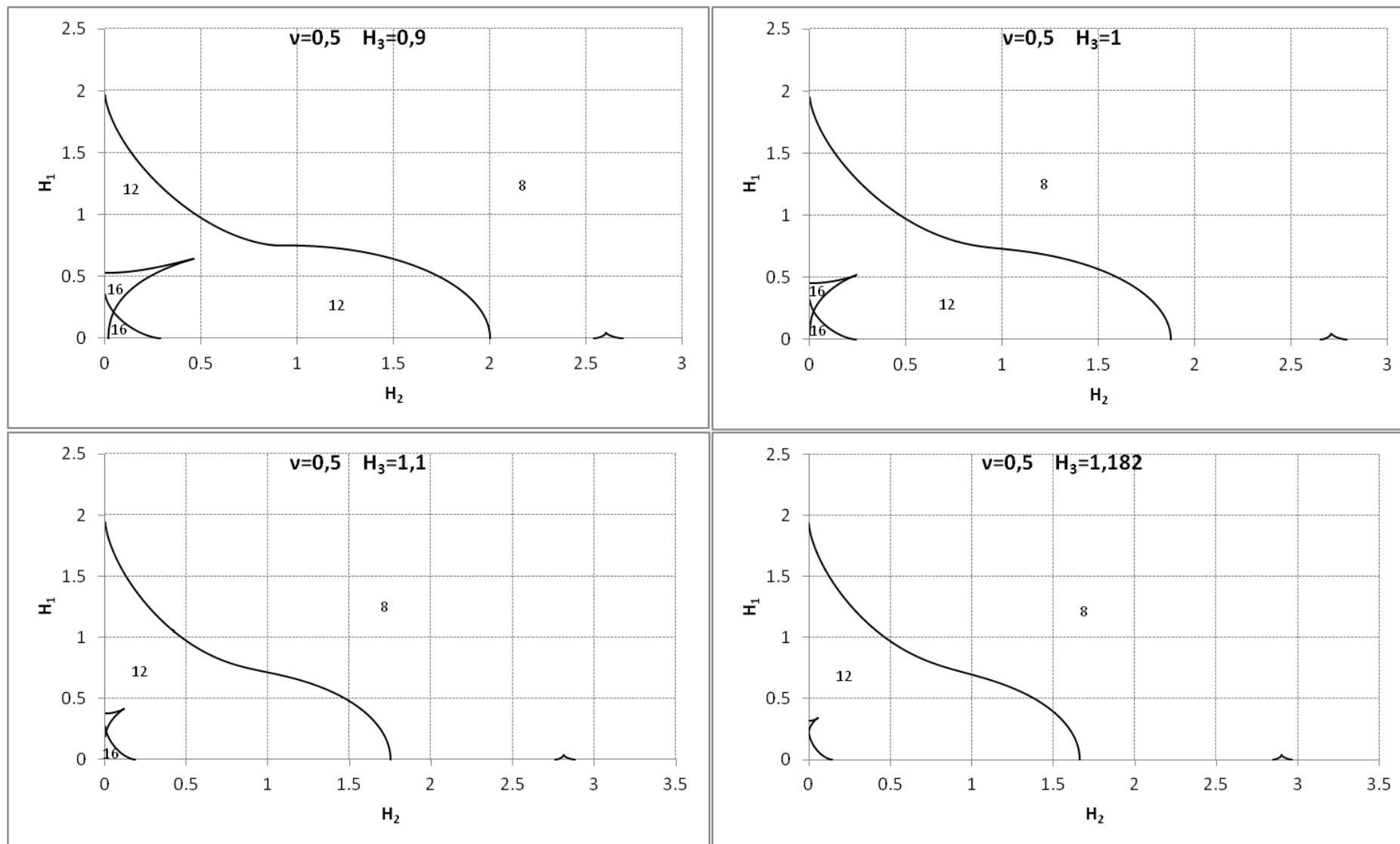


Figure C.49: Equilibria Pictures for $v=0.5$ and $H_3=0.9$, $H_3=1$, $H_3=1.1$ and $H_3=1.182$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

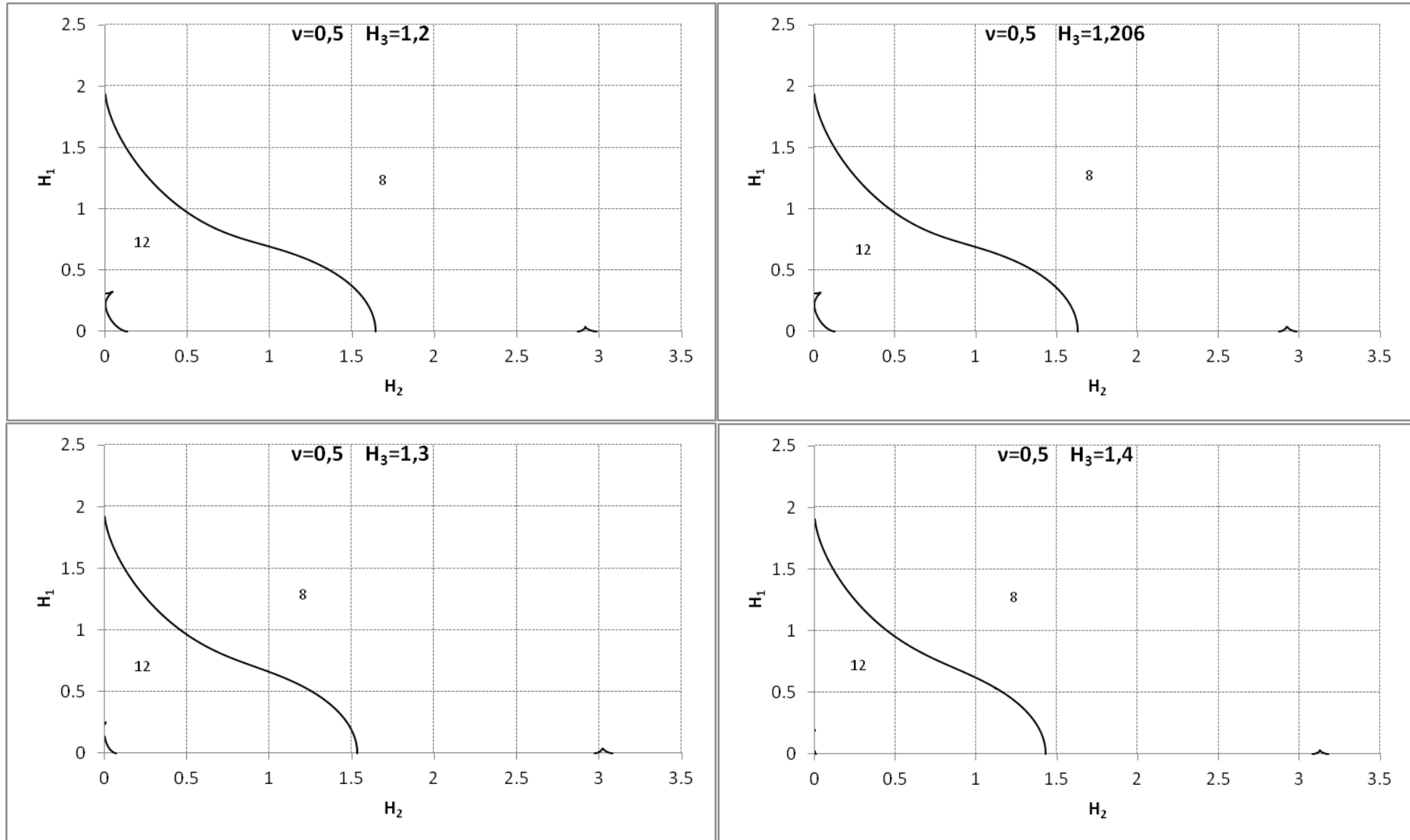


Figure C.50: Equilibria Pictures for $\nu=0,5$ and $H_3=1,2$, $H_3=1,206$, $H_3=1,3$ and $H_3=1,4$

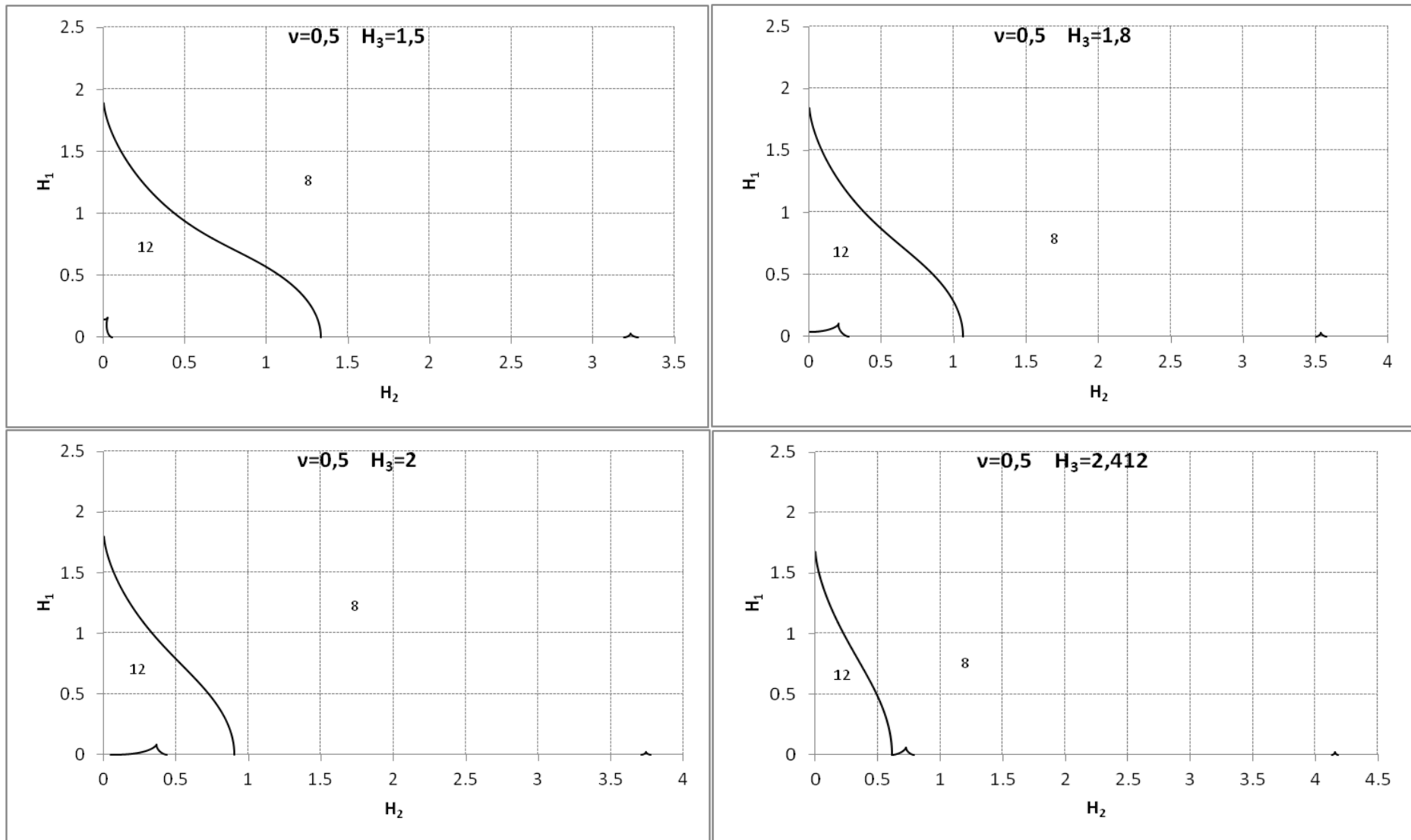


Figure C.51: Equilibria Pictures for $v=0.5$ and $H_3=1.5$, $H_3=1.8$, $H_3=2$ and $H_3=2.412$

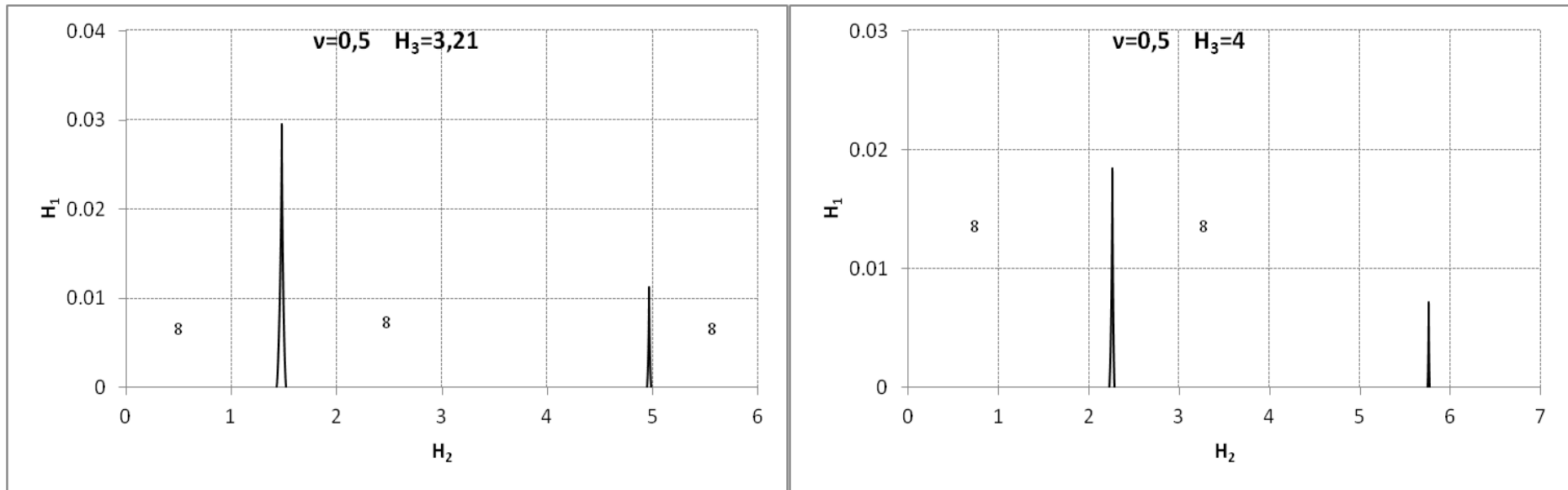


Figure C.52: Equilibria Pictures for $v=0.5$ and $H_3=3.21$ and $H_3=4$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

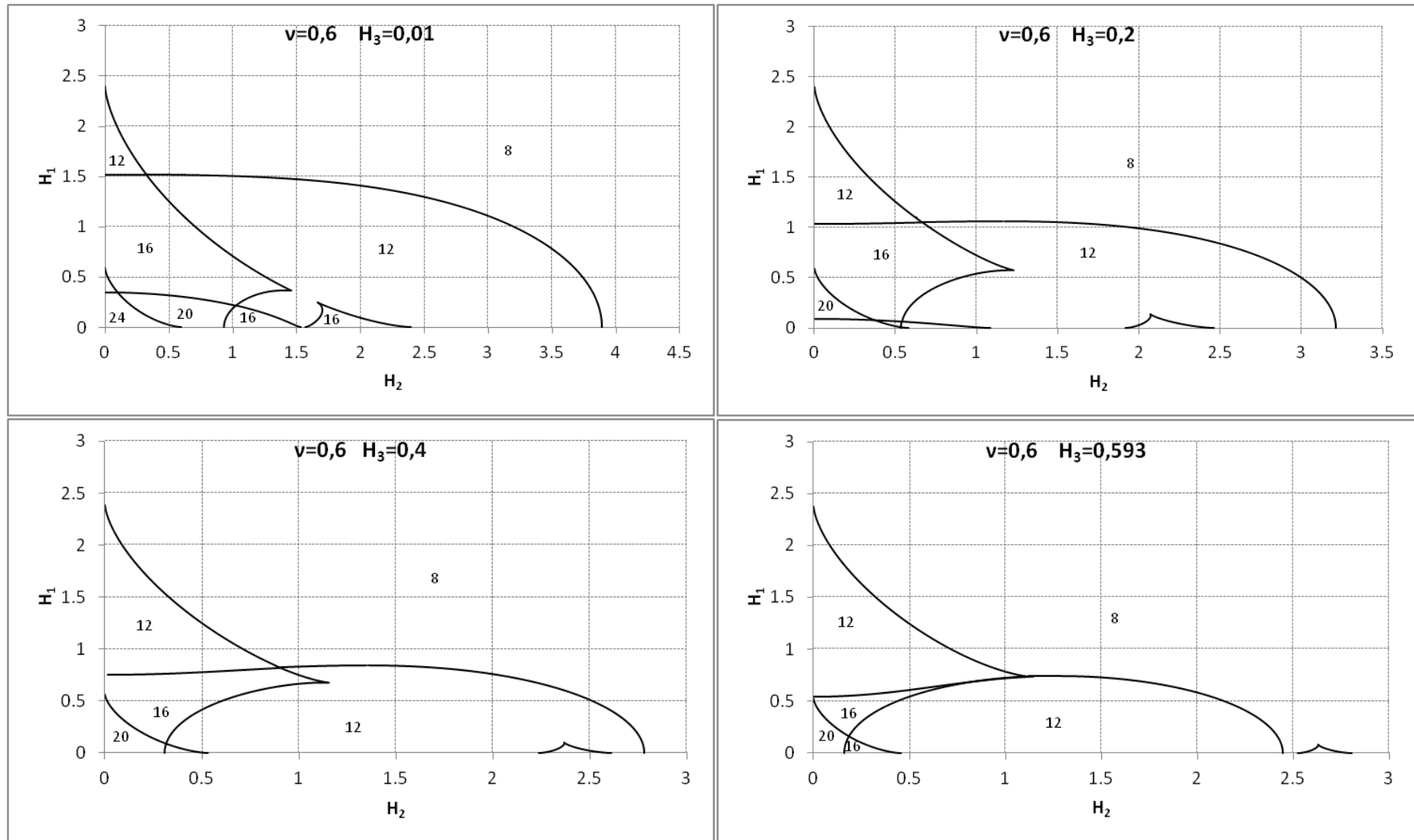


Figure C.53: Equilibria Pictures for $v=0.6$ and $H_3=0.01, H_3=0.2, H_3=0.4$ and $H_3=0.593$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

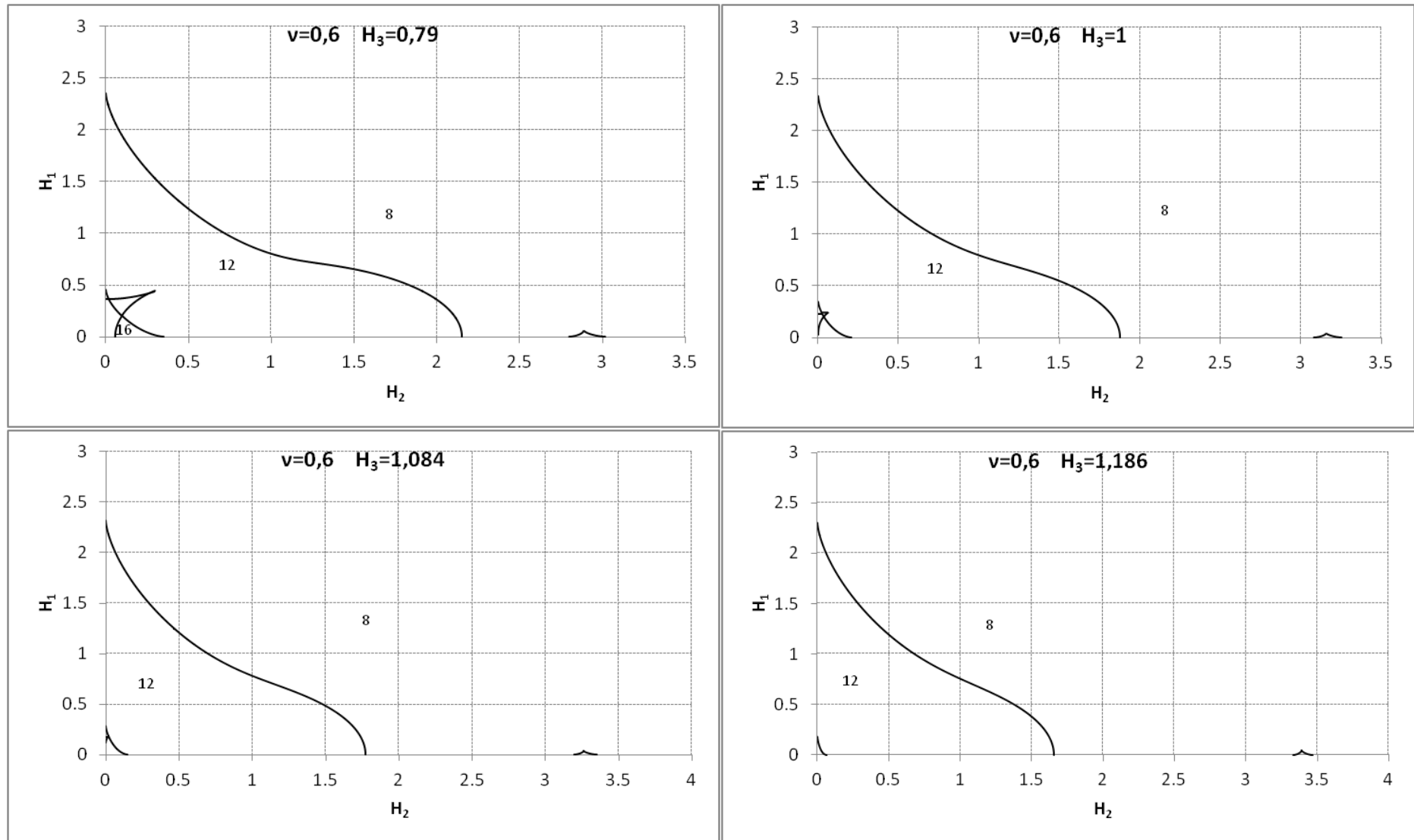


Figure C.54: Equilibria Pictures for $v=0.6$ and $H_3=0.79$, $H_3=1$, $H_3=1.084$ and $H_3=1.186$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

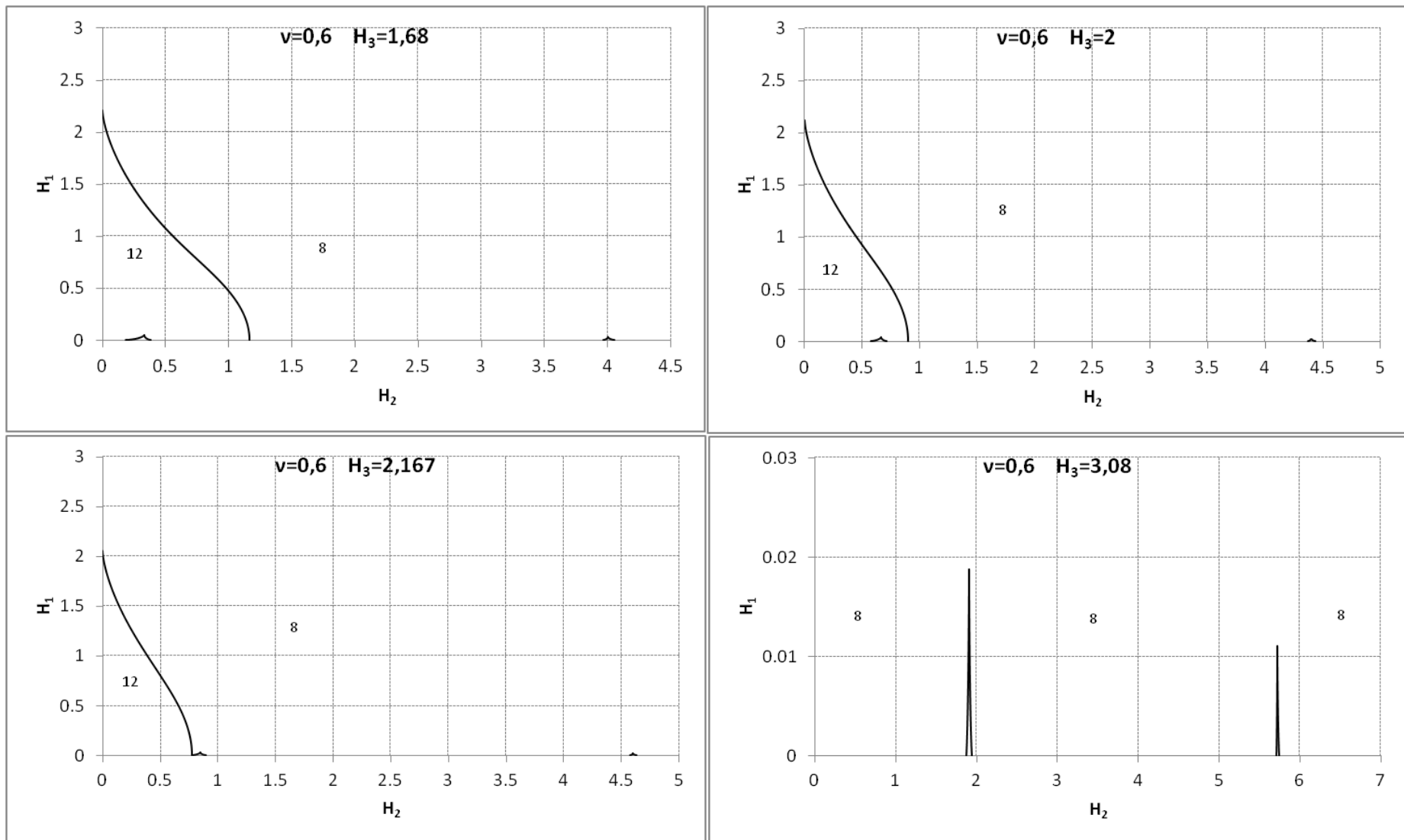


Figure C.55: Equilibria Pictures for $\nu=0.6$ and $H_3=1.68$, $H_3=2$, $H_3=2.167$ and $H_3=3.08$

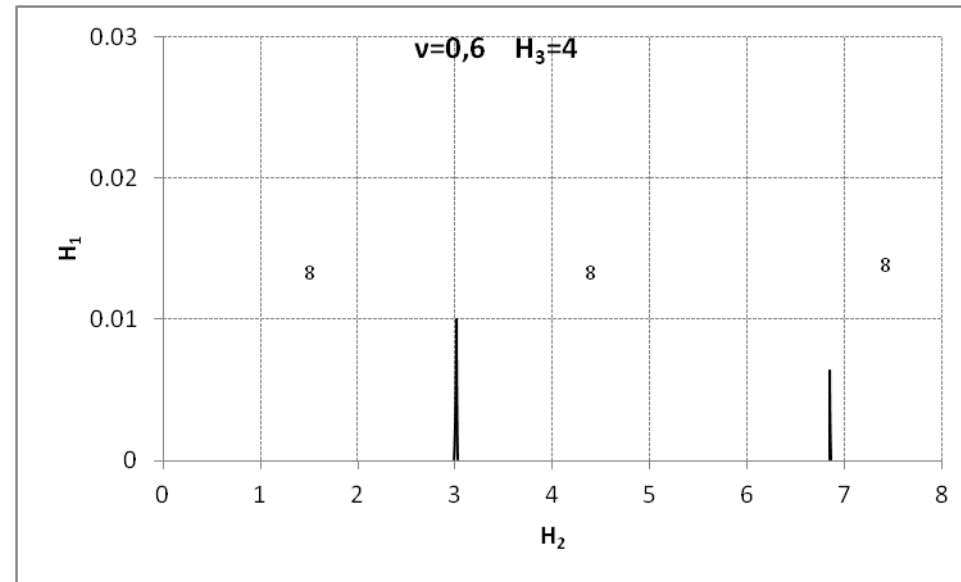


Figure C.56: Equilibria Pictures for $v=0.6$ and $H_3=4$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

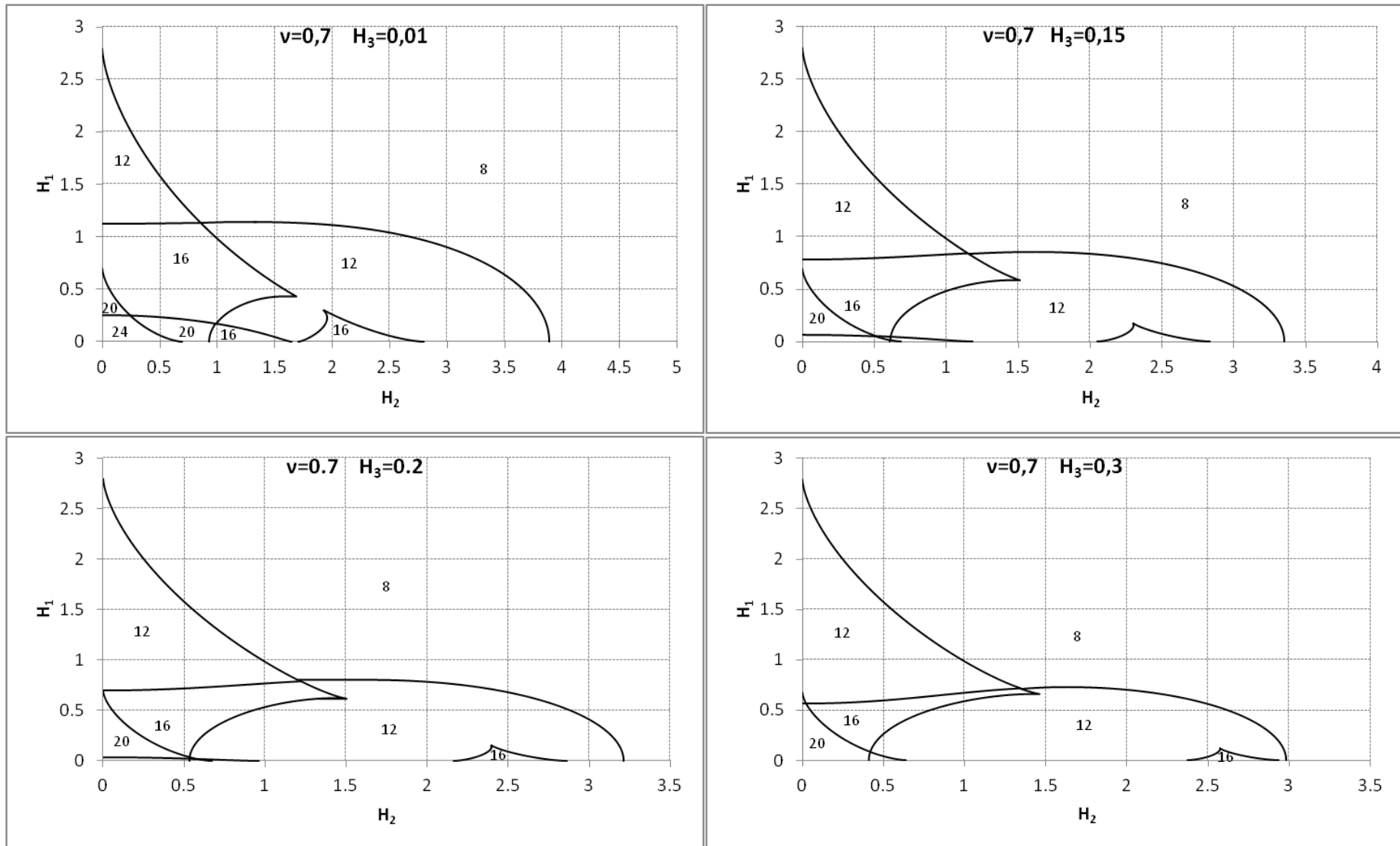


Figure C.57: Equilibria Pictures for $v=0.7$ and $H_3=0.01$, $H_3=0.15$, $H_3=0.2$ and $H_3=0.3$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

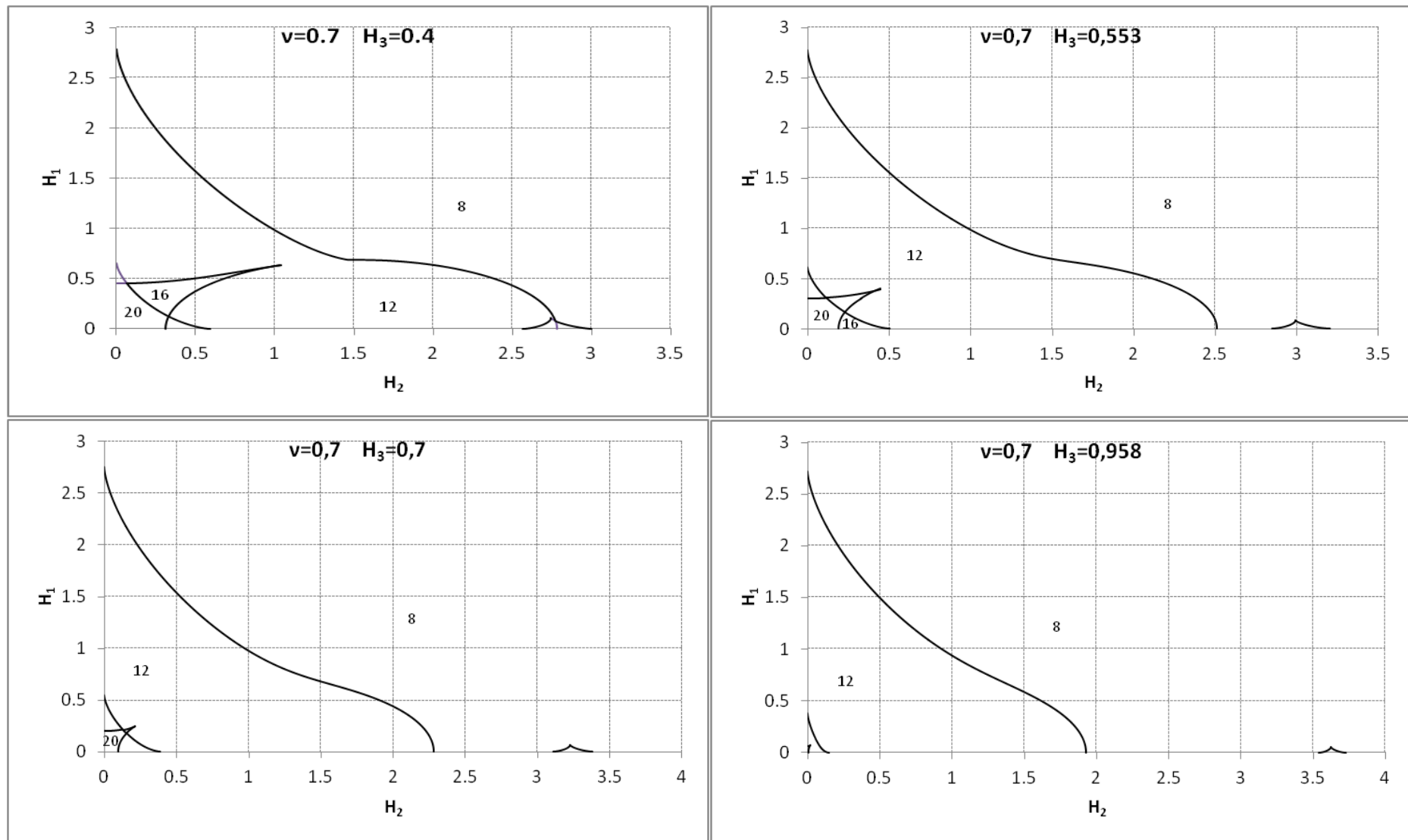


Figure C.58: Equilibria Pictures for $v=0.7$ and $H_3=0.4$, $H_3=0.553$, $H_3=0.7$ and $H_3=0.958$

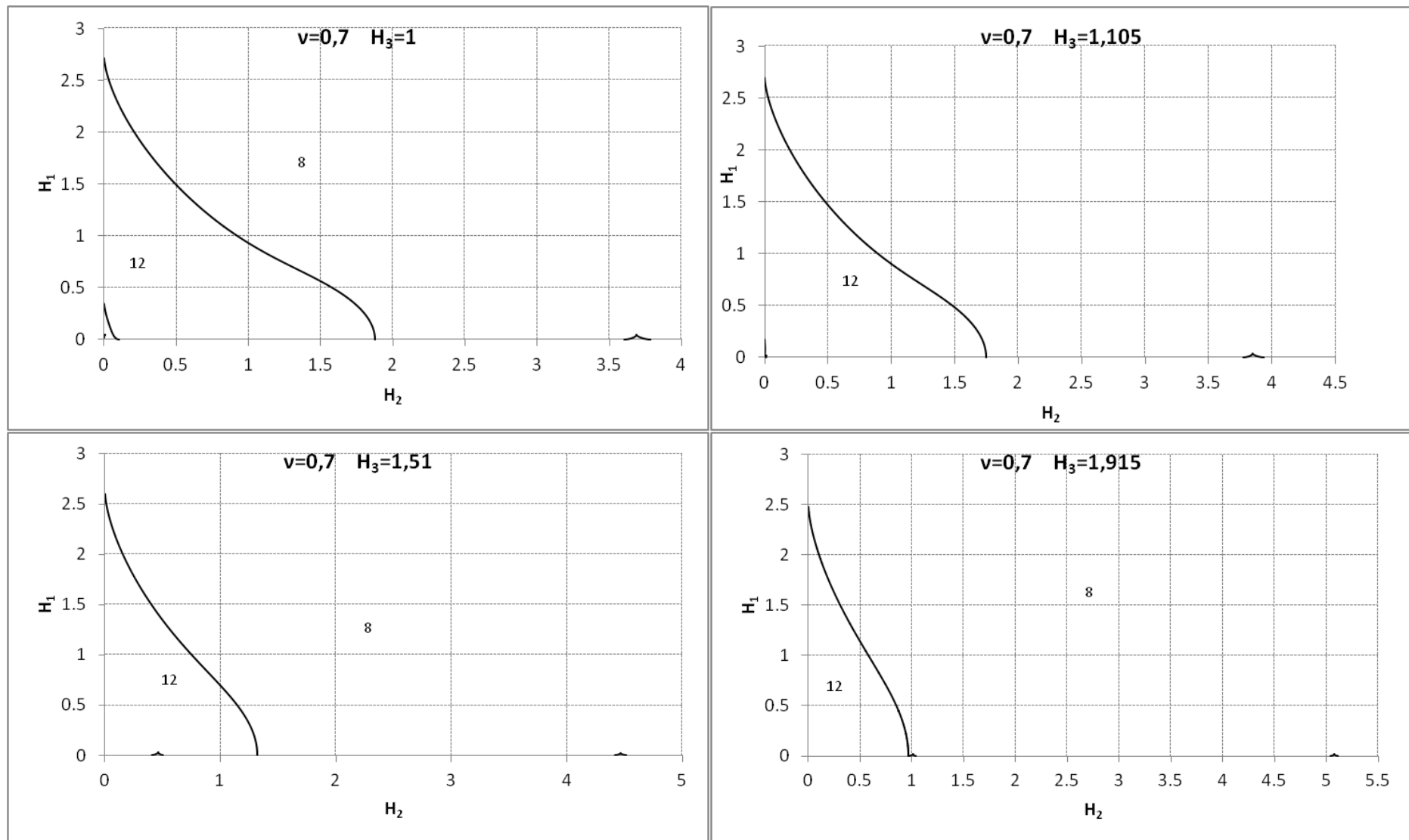


Figure C.59: Equilibria Pictures for $v=0.7$ and $H_3=1$, $H_3=1.105$, $H_3=1.51$ and $H_3=1.915$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

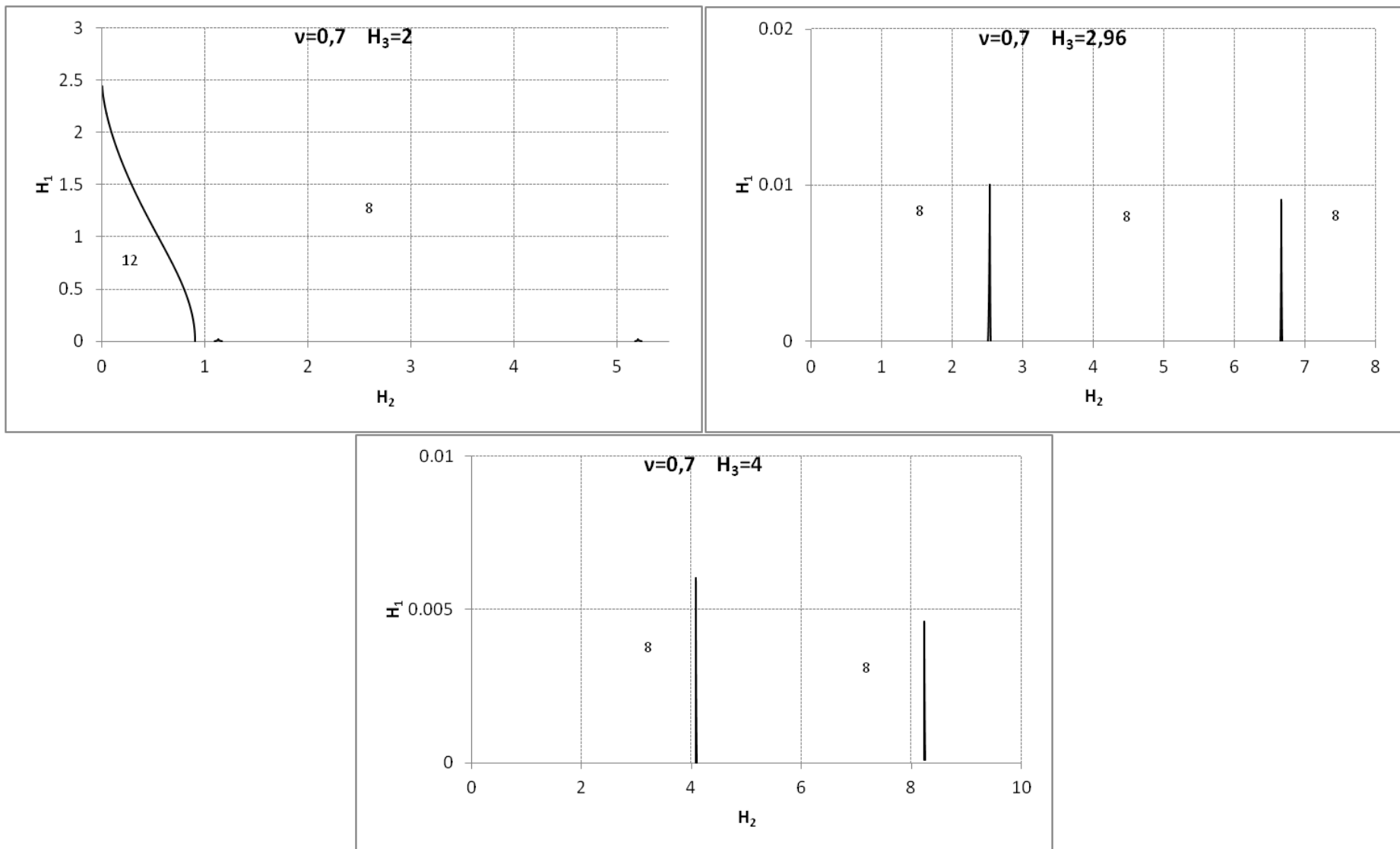


Figure C.60: Equilibria Pictures for $v=0.7$ and $H_3=2$, $H_3=2.96$ and $H_3=4$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

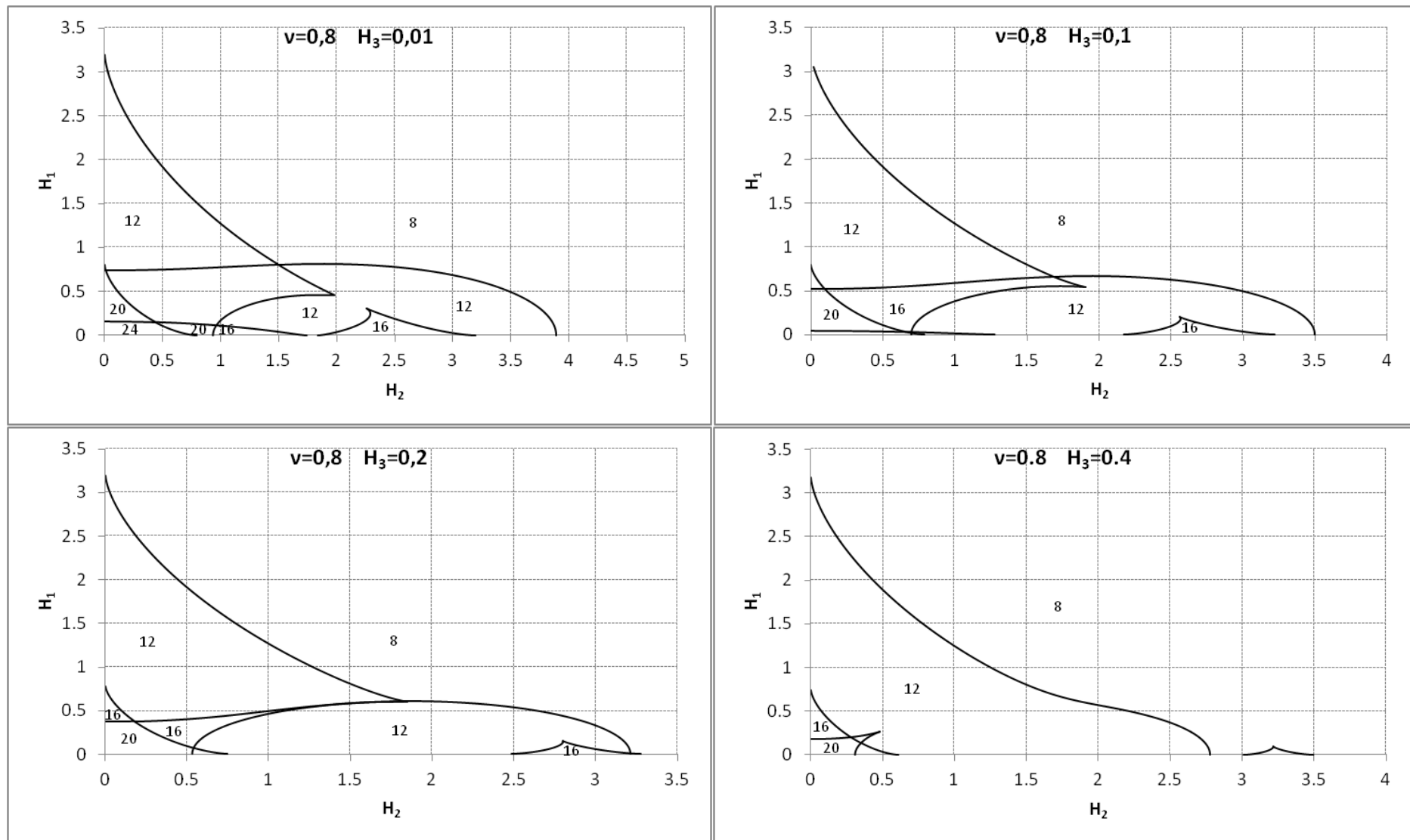


Figure C.61: Equilibria Pictures for $v=0.8$ and $H_3=0.01$, $H_3=0.1$, $H_3=0.2$ and $H_3=0.4$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

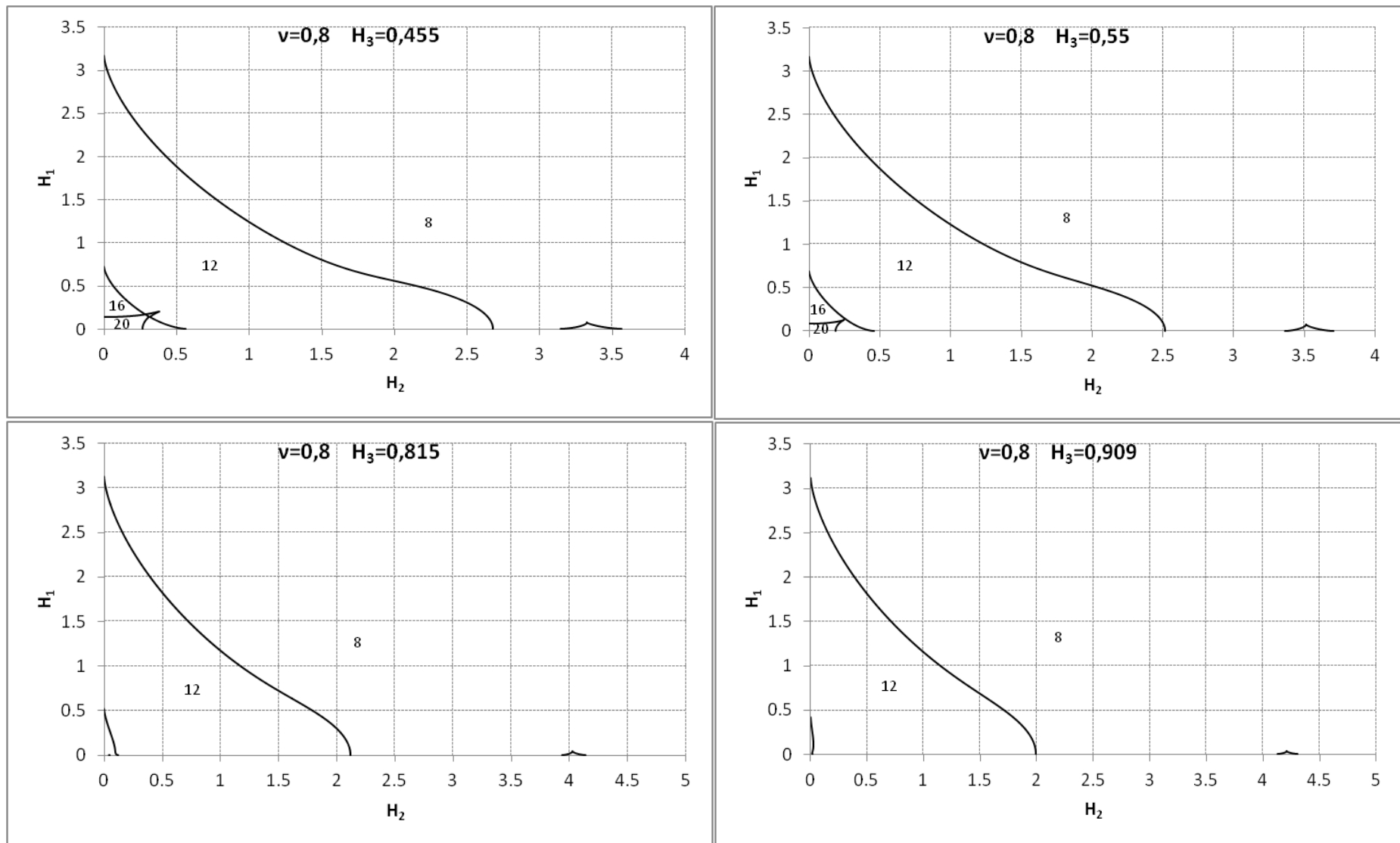


Figure C.62: Equilibria Pictures for $v=0.8$ and $H_3=0.455$, $H_3=0.55$, $H_3=0.815$ and $H_3=0.909$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

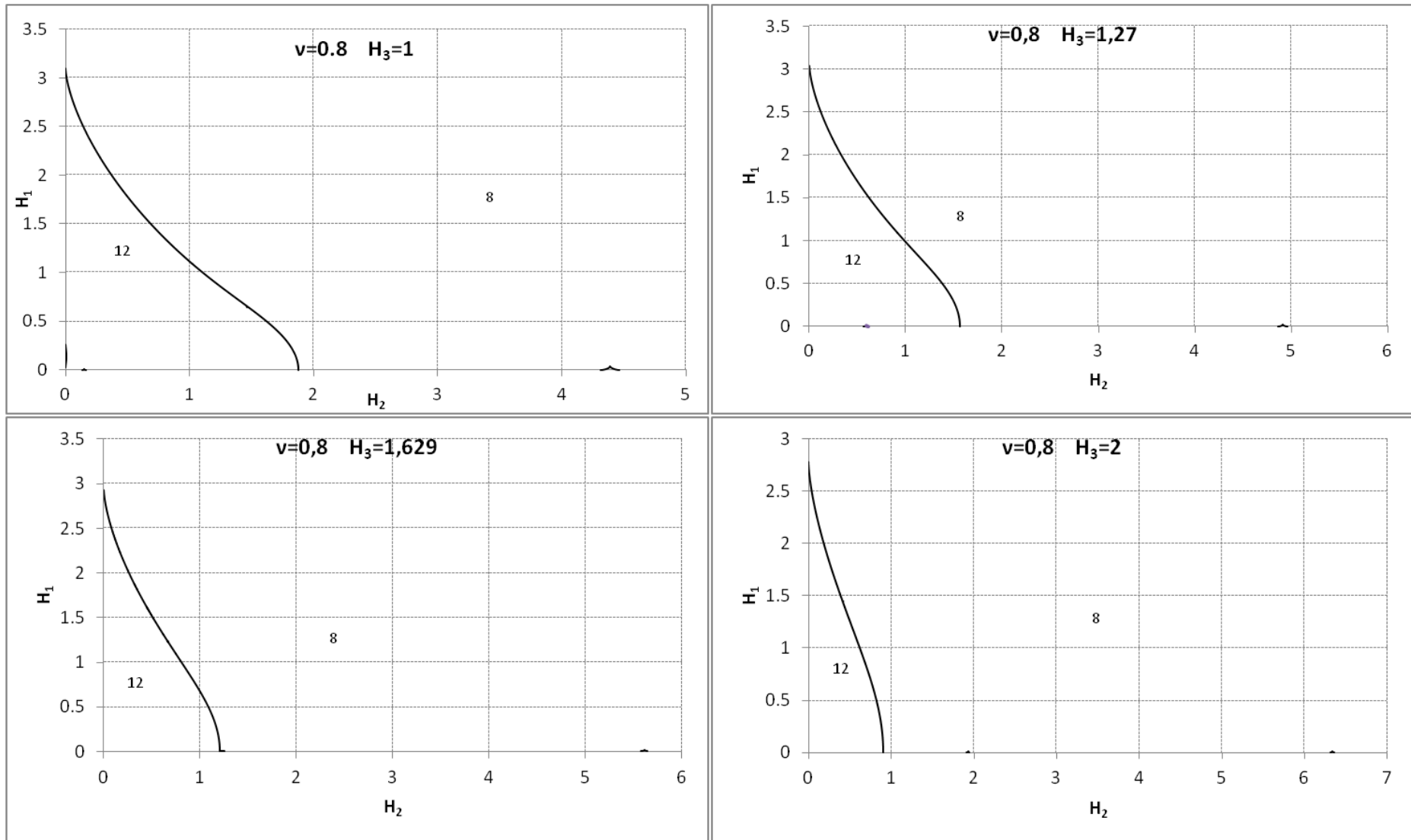


Figure C.63: Equilibria Pictures for $v=0.8$ and $H_3=1$, $H_3=1.27$, $H_3=1.629$ and $H_3=2$

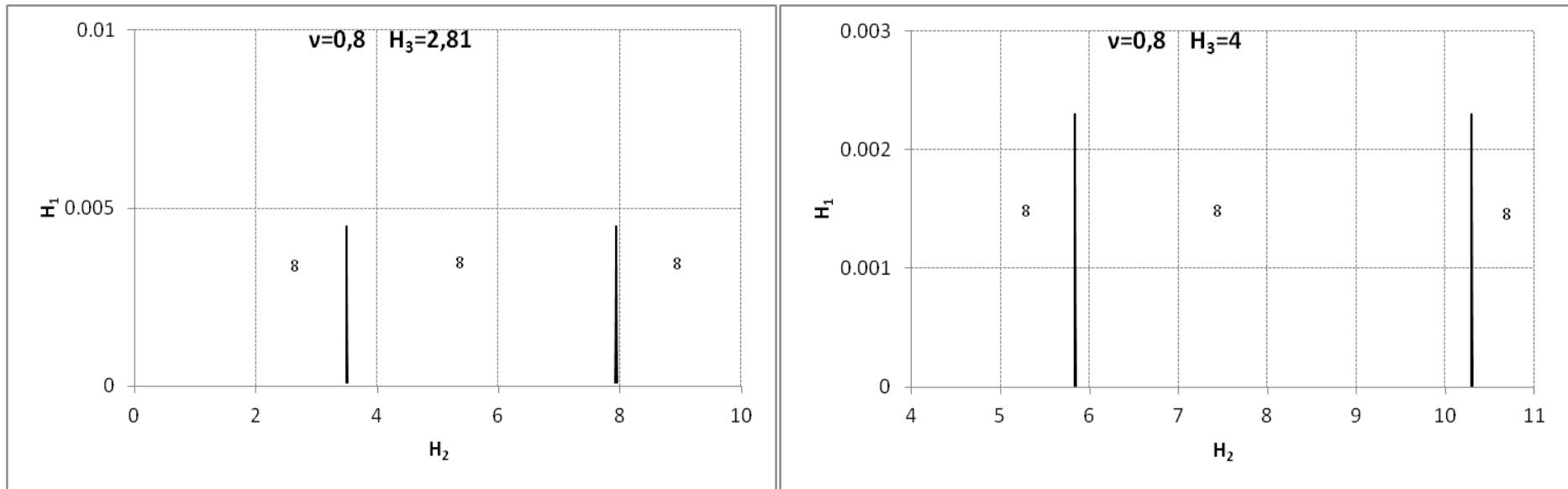


Figure C.64: Equilibria Pictures for $v=0.8$ and $H_3=2.81$ and $H_3=4$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

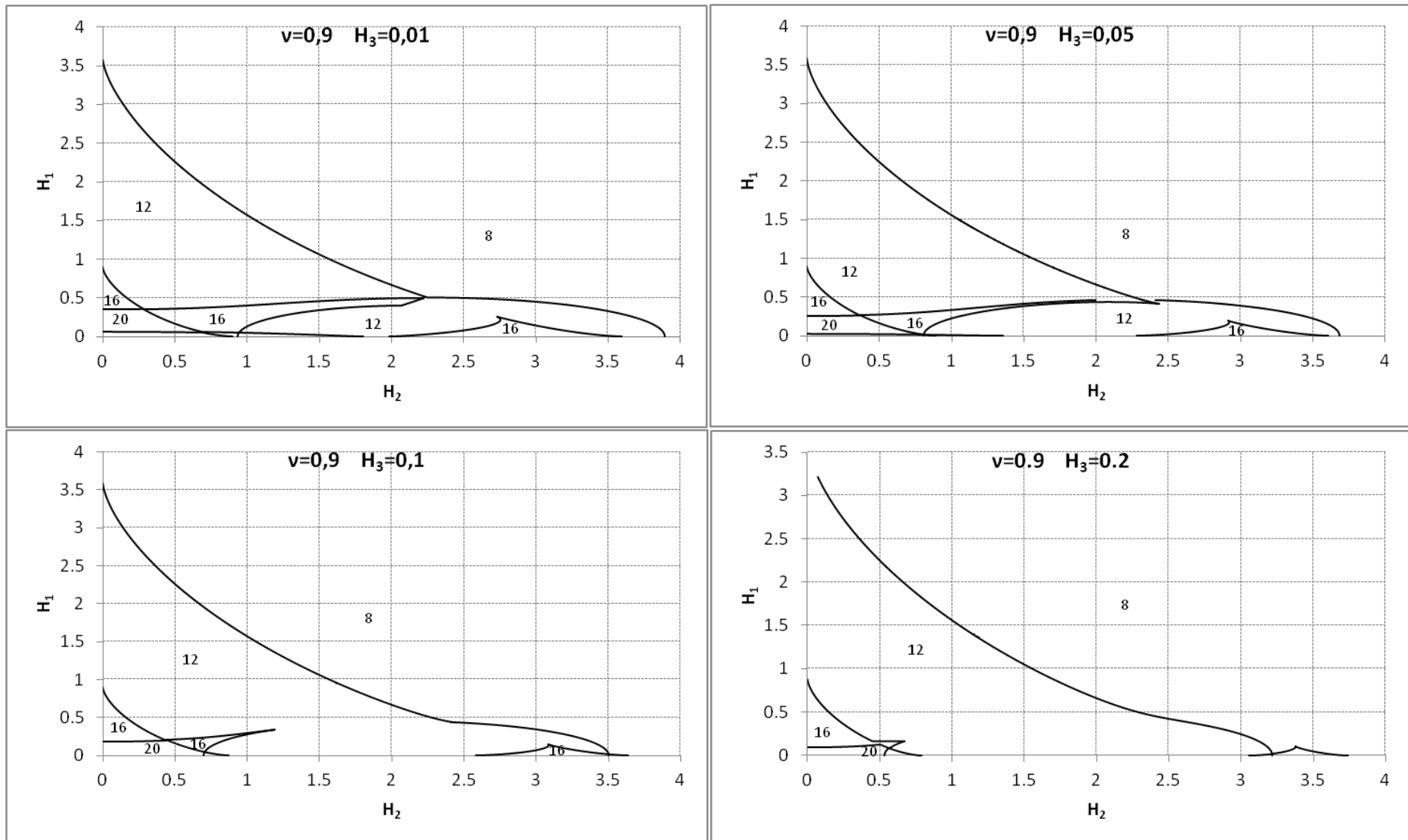


Figure C.65: Equilibria Pictures for $v=0.9$ and $H_3=0.01$, $H_3=0.05$, $H_3=0.1$ and $H_3=0.2$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

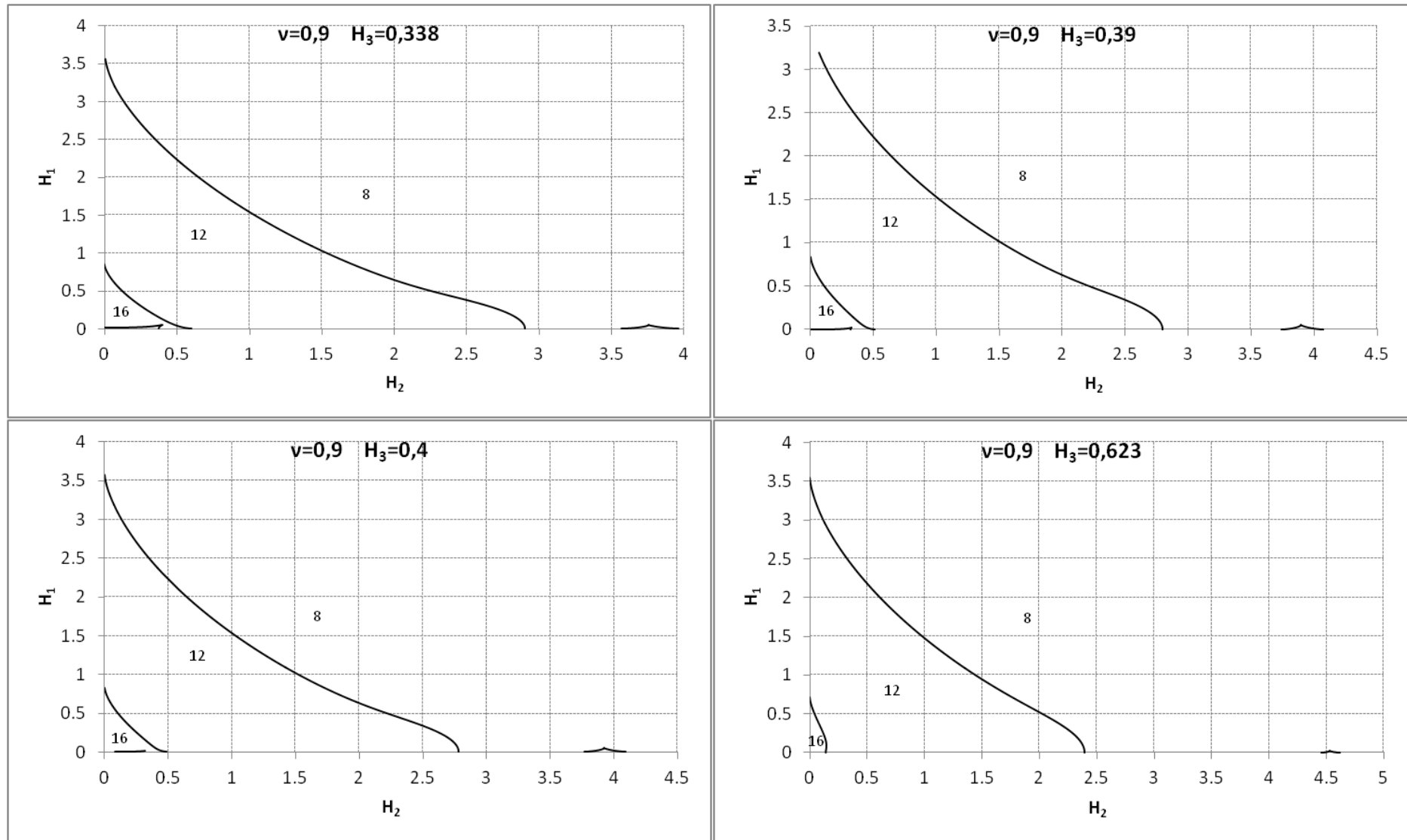


Figure C.66: Equilibria Pictures for $v=0.9$ and $H_3=0.338$, $H_3=0.39$, $H_3=0.4$ and $H_3=0.623$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

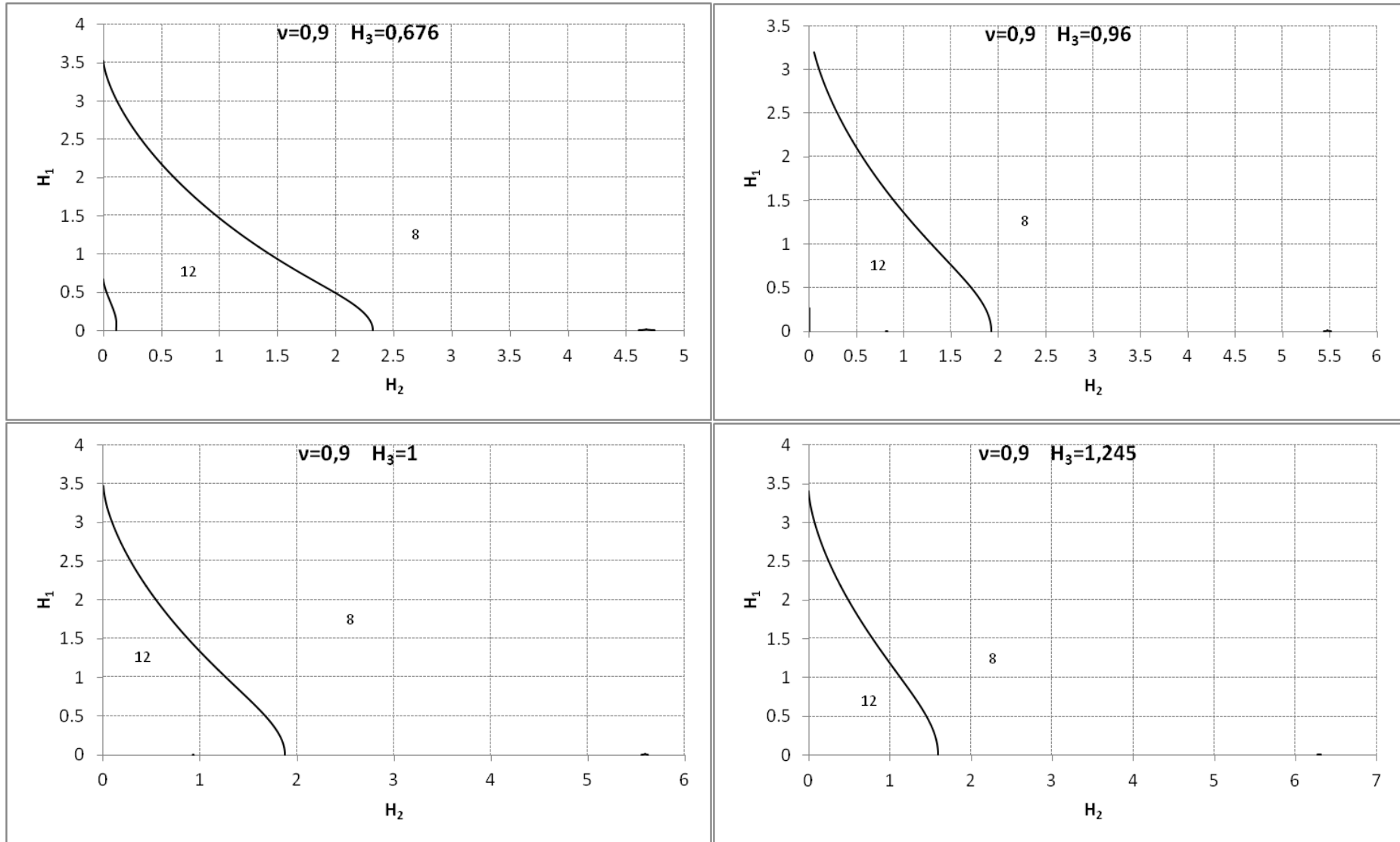


Figure C.67: Equilibria Pictures for $v=0.9$ and $H_3=0.676$, $H_3=0.96$, $H_3=1$ and $H_3=1.245$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

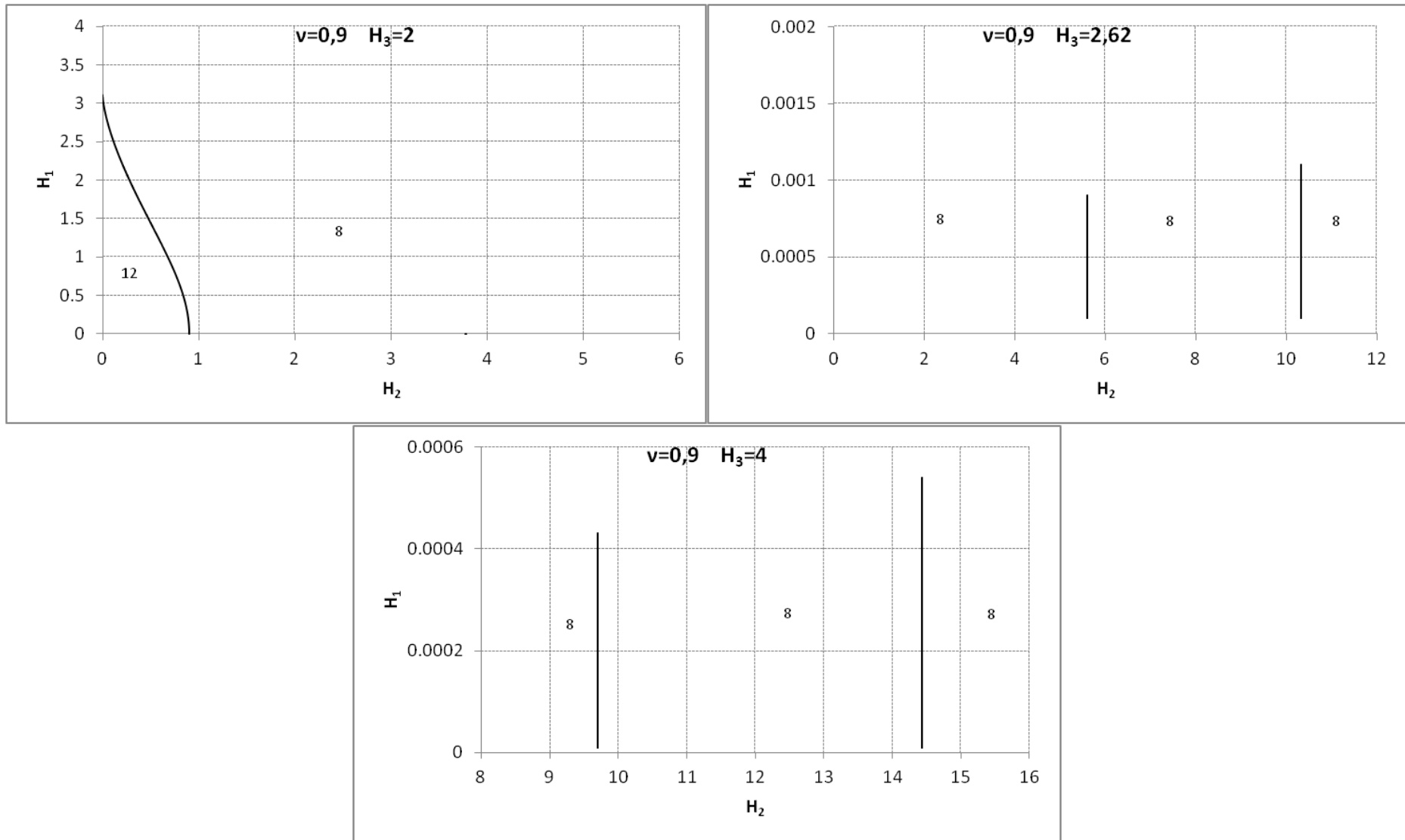


Figure C.68: Equilibria Pictures for $v=0.9$ and $H_3=2$, $H_3=2.62$ and $H_3=4$

GYROSTAT DYNAMICS ON A CIRCULAR ORBIT

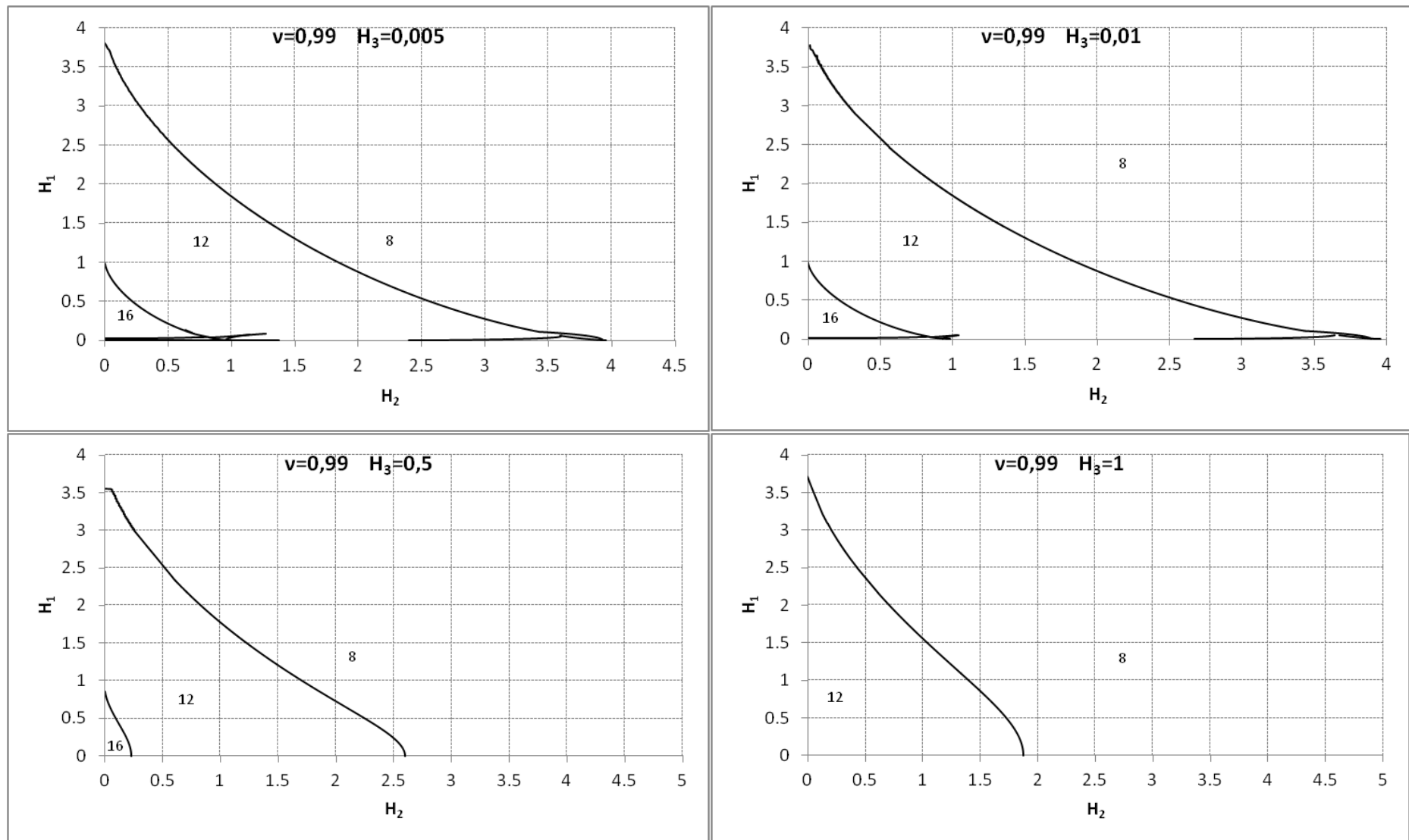


Figure C.69: Equilibria Pictures for $v=0.99$ and $H_3=0.005$, $H_3=0.01$, $H_3=0.5$ and $H_3=1$

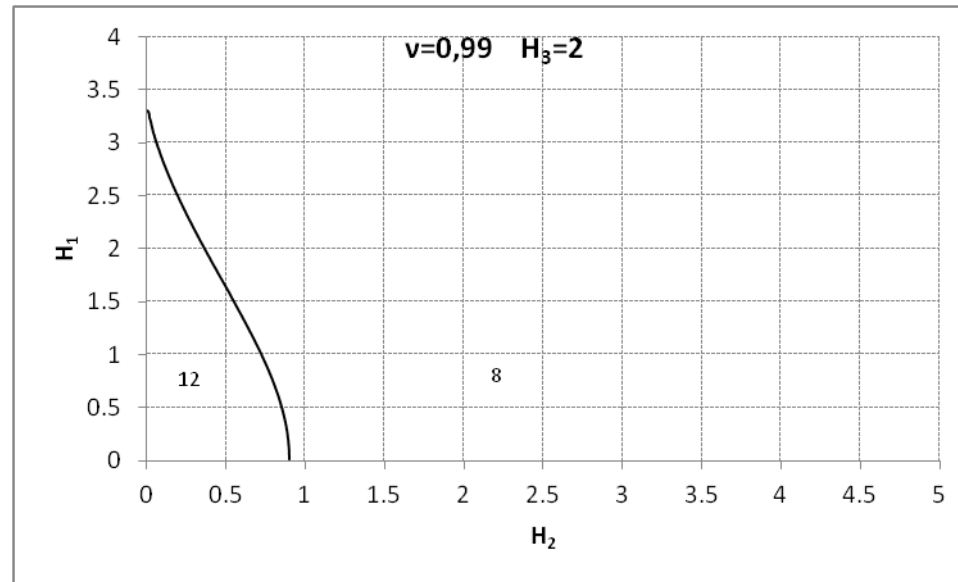


Figure C.70: Equilibria Pictures for $v=0.99$ and $H_3=2$

