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> delta1:=77.8607*evalf(Pi)/180;
       $\delta_1 = 1.358925573$ 

> delta2:=49.7995*evalf(Pi)/180;
       $\delta_2 = .8691652410$ 

> gama1:=81.2553*evalf(Pi)/180;
       $gama_1 = 1.418172520$ 

> gama2:=53.6156*evalf(Pi)/180;
       $gama_2 = .9357687504$ 

> d:=4.717;
       $d = 4.717$ 

> xC:=0;
       $x_C = 0$ 

> yC:=0;
       $y_C = 0$ 

> CP1:=d*sin(gama2)/sin(Pi-delta1-gama2);
       $CP_1 = 5.068466724$ 

> xP1:=CP1*cos(delta1);
       $x_{P1} = 1.065843757$ 

> yP1:=CP1*sin(delta1);
       $y_{P1} = 4.955131887$ 

> CP2:=d*sin(gama1)/sin(Pi-delta2-gama1);
       $CP_2 = 6.182575803$ 

> xP2:=CP2*cos(delta2);
       $x_{P2} = 3.990632291$ 

> yP2:=CP2*sin(delta2);
       $y_{P2} = 4.722192021$ 

> RP2P1:=arctan((xP1-xP2)/(yP1-yP2))*180/evalf(Pi);
       $RP_{2P1} = -85.44638567$ 

> if yP2 < yP1 then RP2P1:=RP2P1+180 end if;
       $RP_{2P1} = 94.55361433$ 

> if yP2 > yP1 and xP2 < xP1 then RP2P1:=RP2P1+360 end if;

> RP2C:=arctan((xC-xP2)/(yC-yP2))*180/evalf(Pi);
       $RP_{2C} = 40.20050000$ 

> if yP2 < yC then RP2C:=RP2C+180 end if;

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> if yP2 > yC and xP2 < xC then RP2C:=RP2C+360 end if;
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> w:=RP2P1-RP2C;
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$w = 54.35311433$

