

Corrigendum

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Corrigendum to: A numerical investigation of optimum angles for solar energy receivers in the eastern part of Algeria

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Unintentionally, the curves (Figures 13–18) introduced in the original publication were related to Algiers (the capital of Algeria) rather than Annaba, the subject of our article.

Otherwise, Table 4 contains some values of $\text{Max } I_T$ (W/m^2) slightly imprecise, issued by the HDKR anisotropic model.

In order to remedy this, we have supplanted the charts of Algiers with those of Annaba and corrected the entries in Table 4, after launching our simulation code.

The authors regret any inconvenience caused; the right Figures 13–18 and the correct entries in Table 4 are given below.

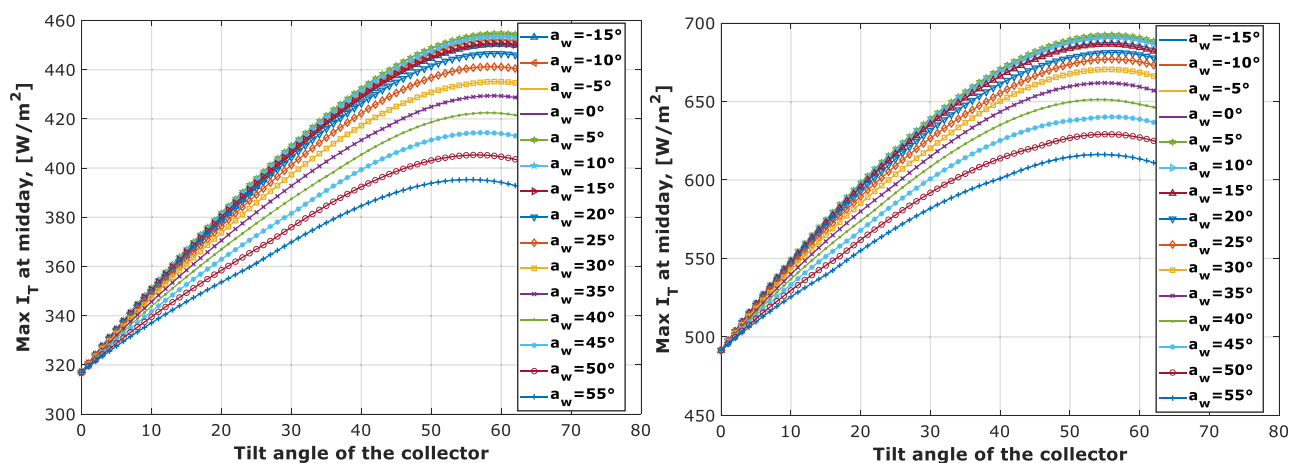


Figure 13: Maximum amounts of solar radiation (Jan. 17 and Feb. 16).

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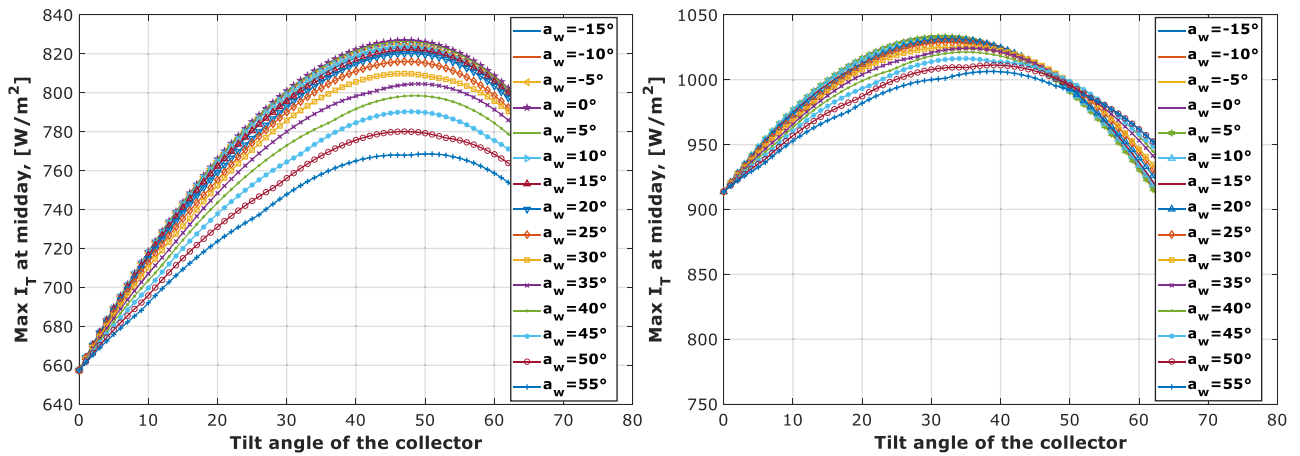


Figure 14: Maximum amounts of solar radiation (Mar. 16 and Apr. 15).

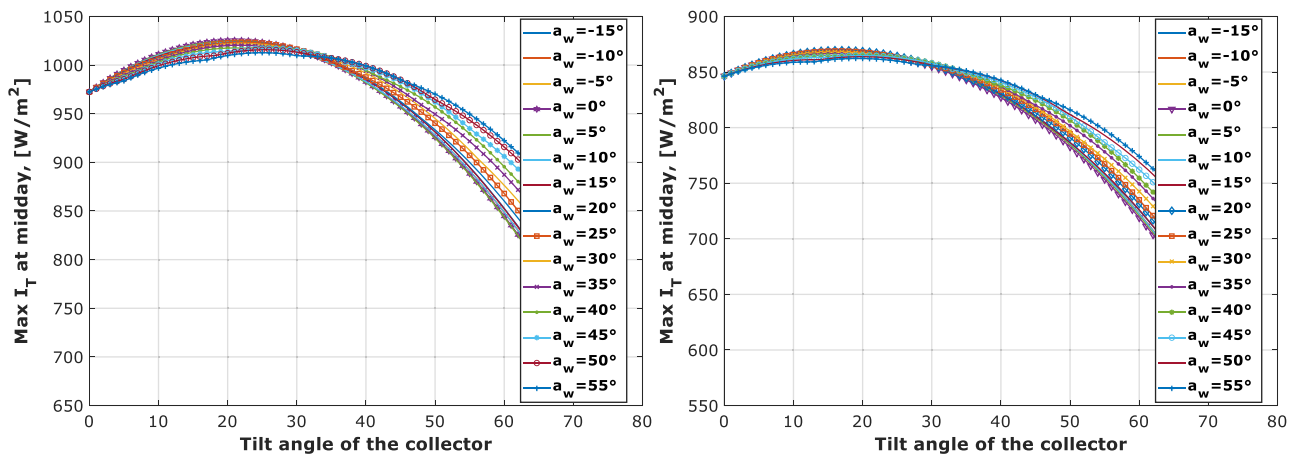


Figure 15: Maximum amounts of solar radiation (May 15 and June 11).

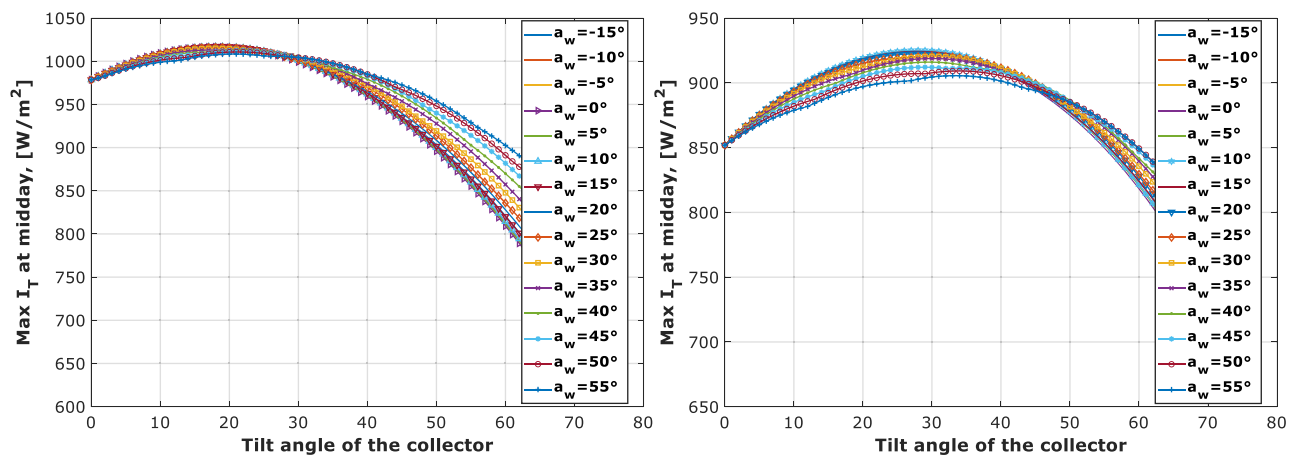


Figure 16: Maximum amounts of solar radiation (Jul. 17 and Aug. 16).

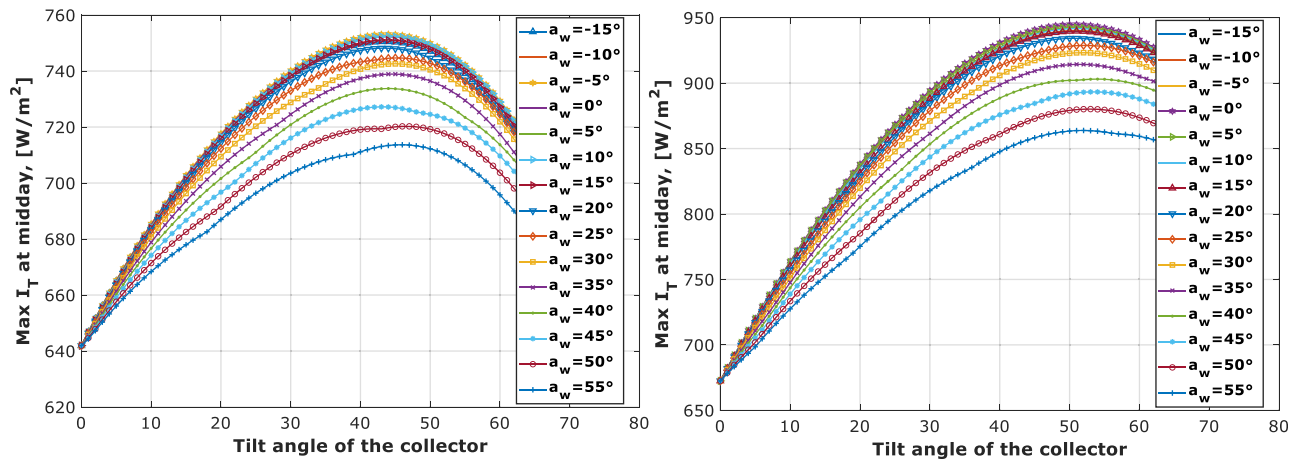


Figure 17: Maximum amounts of solar radiation (Sep. 15 and Oct. 15).

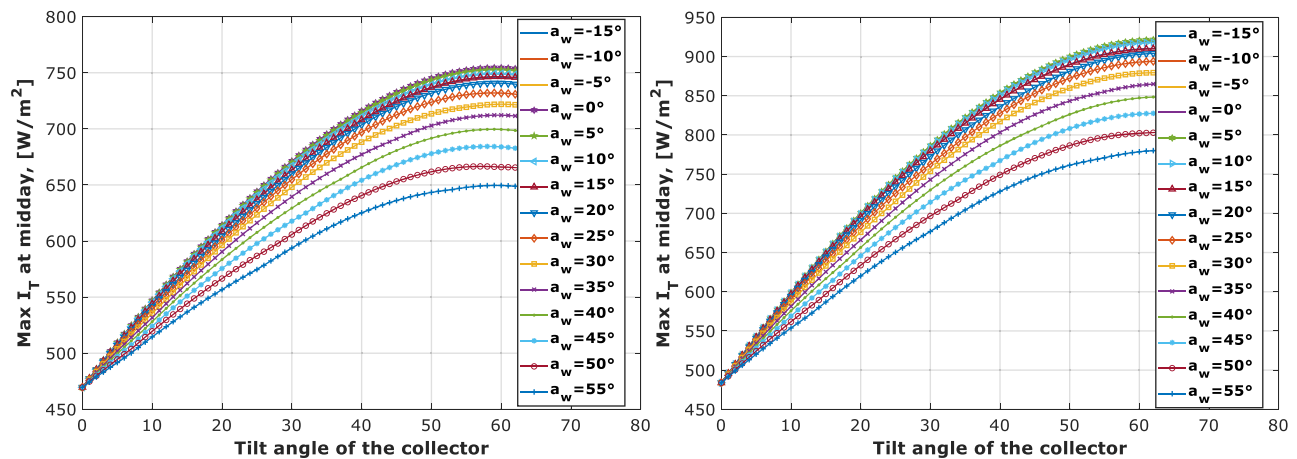


Figure 18: Maximum amounts of solar radiation (Nov. 14 and Dec. 10).

Table 4: Maximum global radiation on optimal monthly tilts and azimuth orientations.

HDKR anisotropic												
Month	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Mean day	17	16	16	15	15	11	17	16	15	15	14	10
Max I_T , (W/m ²)	455	692	827	1034	1025	870	1018	925	753	945	754	921
B	61°	57°	48°	33°	22°	18°	19°	29°	45°	52°	60°	64°
a_w	5°	5°	0°	0°	0°	15°	-5°	-5°	-5°	0°	0°	5°
Perez anisotropic												
Max I_T , (W/m ²)	435	675	822	1034	1029	880	1026	944	767	955	752	909
B	52°	49°	42°	31°	22°	18°	19°	28°	37°	49°	57°	62°
a_w	5°	5°	0°	0°	0°	15°	-5°	-5°	-5°	0°	0°	5°